

EPA Registration No.  
66171-7  
Vol. 4



✓ World Headquarters P.O. Box 17003, Reno, NV 89511 • Bus: (775) 853-9776 • Fax: (775) 406-3413 • USA: (800) 995-1607  
Tennessee Operation 1213 Empire Avenue, Memphis, TN 38107 • Bus: (901) 272-0031 • Fax: (901) 726-6446  
California Operation 1355 Paulson Road, Turlock, CA 95380 • Bus: (209) 664-1607 • Fax: (209) 664-1728

August 31, 2011

Ms. Velma Noble  
Office of Pesticides Programs (7504C)  
United States Environmental Protection Agency (AMEND)  
Ariel Rios Building  
1200 Pennsylvania Avenue, N.W.  
Washington, DC 20460

Dear Ms. Noble:

Preserve International is submitting amendment documents, for our product Synergize, EPA Registration Number 66171-7:

1 Addition of the following Salmonella enterica serotypes:

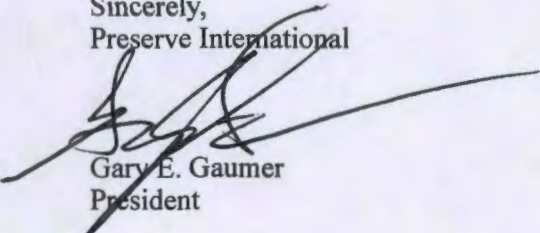
Salmonella Enteritidis  
Salmonella Choleraesuis  
Salmonella Dublin •  
Salmonella Heidelberg •  
Salmonella Paratyphi  
Salmonella Typhi  
Salmonella Typhimurium  
Salmonella Pullorum  
Salmonella Gallinarum  
Salmonella Brandenburg •

We have included the required: 1) USEPA Form 8570-1, Application for Pesticide, 2) Formulator's Exemption for both active ingredients, 3) Certification with respect to citation of data, 4) Data matrix, 5) six copies of the proposed labeling and 6) three copies of the confirmatory data.

If I may be of further assistance, please feel free to contact me at 775-853-9776.

Thank you for your time and consideration.

Sincerely,  
Preserve International

  
Gary E. Gaumer  
President

48594401 AOAC Use - Dilution Test Method



# DESCRIPTION

SYNERGIZE is a multi-purpose disinfectant-cleaner. SYNERGIZE provides a broad spectrum kill of gram negative and gram positive microorganisms. SYNERGIZE provides effective disinfecting and cleaning in one operation. SYNERGIZE is effective in warm, soft or hard water (as much as 1000 ppm CaCO<sub>3</sub>) and performs especially well in areas containing 5% serum.

SYNERGIZE is for use on glazed ceramic and tile surfaces, stainless steel, aluminum, chrome, galvanized metal, tin, brass, zinc, glass, hard non-porous treated wood, polyethylene, polypropylene, PVC (polyvinyl chloride), vinyl, sealed fiberglass, viton, ethylene propylene, nitrile, acrylic and polyurethane.

## DIRECTIONS FOR USE:

It is in violation of Federal Law to use this product in a manner inconsistent with its labeling. Registered for disinfecting and cleaning hard non-porous surfaces. Not for use on feed, food or litter.

SYNERGIZE cleaner-disinfectant is specifically formulated for industrial use in the following Animal and Poultry Housing facilities: Turkey, Breeder, Grow Out, Fryer, Layer, Hatcheries and Swine Producing Facilities as well as the following equipment in these facilities: Waterers, Feeders, Hauling Equipment, Dressing Plants, Loading Equipment, Farrowing Barns, Nurseries, Blocks, Creep Areas, and Chutes. This product is also for use in Farm Premise, Equine Facilities, Veal Barns, Ratite Facilities (Ostrich, Emu and Rhea Facilities), Calf Pens and associated Farm Vehicles.

## USE DIRECTIONS:

To disinfect and clean hard non-porous surfaces of walls, floors, tables, sinks, refrigerator exteriors, telephone booths and garbage cans in non-animal areas associated with the facilities listed above. Apply a solution of 1/2 ounce SYNERGIZE per gallon water (dilute 1:256) to pre-cleaned surfaces. Apply with cloth, sponge, mop or mechanical coarse spray device, making sure all surfaces are wetted thoroughly. Allow surfaces to remain wet for 10 minutes. All surfaces must be rinsed with clean water and allowed to dry before reuse.

**BOOT/SOPE WASH:** To prevent cross contamination into animal areas, shoe baths containing one inch of freshly made disinfecting solution must be placed at all entrances to building. Scrape waterproof shoes or boots and place in a 1/2 ounce SYNERGIZE per gallon water solution. Allow the solution to come in contact with the boot/shoe for 10 minutes. Change the disinfecting solution when solution becomes visibly dirty.

**VEHICLES:** To disinfect the non-porous, hard surfaces of vehicles use a solution of 1/2 ounce SYNERGIZE per gallon of water. Apply using a high pressure or coarse spray system. Leave all treated surfaces exposed to solution for 10 minutes, or more and allow to air dry. All treated surfaces that will contact feed or drinking water must be thoroughly scrubbed with soap or detergent then rinsed with potable water before reuse.

## DIRECTIONS FOR USE IN SWINE PRODUCING FACILITIES:

- 1) Remove all animals and feed from the premises, vehicles and enclosures.
- 2) Empty all troughs, racks, and other feeding and watering appliances.
- 3) Remove all gross soil, bedding, manure, caked on dirt, spider webs, etc. from walls to ceilings of barns, pens, stalls, chutes, and other facilities occupied or traversed by hogs or other animals.
- 4) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 5) Thoroughly saturate all surfaces with a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256), using conventional spraying methods.
- 6) Allow all treated areas to remain in contact with this solution for at least 10 minutes.
- 7) Immerse equipment used in handling and restraining animals, forks, shovels, and scrapers used for removing manure in SYNERGIZE at a dilution of 1:256. Allow to remain in contact for at least 10 minutes.
- 8) Ventilate buildings, cars, boats, coops and other closed spaces. Do not house swine or other livestock until treatment has been absorbed, set, or dried.
- 9) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

## DIRECTIONS FOR USE IN FARM PREMISES, EQUINE FACILITIES, VEAL BARN, RATITE FACILITIES, CALF PENS AND VEHICLES:

- 1) Do not use in milking stalls, milking parlors, or milk houses.
- 2) Remove all animals and feed from the premises, vehicles, and enclosures.
- 3) Remove all gross soil, bedding, manure, caked on dirt, spider webs, etc. from floors, surfaces, and from walls to ceiling of barns, pens, stalls, chutes, and other facilities occupied or traversed by hogs or other animals.
- 4) Empty all troughs, racks, and other feeding and watering appliances.
- 5) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 6) Thoroughly saturate all surfaces with a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256), using conventional spraying methods. Allow to remain in contact with this solution for at least 10 minutes.

# SYNERGIZE CLEANER-DISINFECTANT

STAPHYLOCIDAL • PSEUDOMONACIDAL  
• SALMONELLACIDAL • VIRUCIDAL\*  
• PARVOCIDAL • FUNGICIDAL  
ASPERGILLOCIDAL

Synergize cleaner-disinfectant is specifically formulated for industrial use in the following Animal and Poultry Housing facilities: Turkey, Breeder, Grow Out, Fryer, Layer, Hatcheries and Swine Producing Facilities as well as the following equipment in these facilities: Waterers, Feeders, Hauling Equipment, Loading Equipment, Farrowing Barns, Nurseries, Blocks, Creep Areas, and Chutes. This product is also for use in Farm Premise, Equine Facilities, Veal Barns, Ratite Facilities (Ostrich, Emu and Rhea Facilities), Calf Pens and associated Farm Vehicles, Veterinary Practice, Animal Care, and Animal Laboratory.

## Active Ingredients:

Alkyl (C12 67%, C14 25%, C16 7%, C18 1%) dimethyl benzyl ammonium chloride.....	26.00%
Glutaraldehyde.....	7.00%
Inert Ingredients.....	67.00%
<b>TOTAL</b> .....	<b>100.00%</b>

## KEEP OUT OF REACH OF CHILDREN DANGER

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

See First Aid statement and additional precautions on side panel

- 7) Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels and scrapers used for removing manure in a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256). Allow to remain in contact for 10 minutes.
- 8) Ventilate buildings, cars, boats, coops and other closed spaces. Do not house poultry or livestock or employ equipment until treatment has been absorbed, set or dried.
- 9) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

## DIRECTIONS FOR USE IN POULTRY HOUSE:

- 1) Remove all poultry and feeds from premises, trucks, coops, and crates.
- 2) Remove all litter and droppings from floors, walls and surfaces of facilities occupied or traversed by poultry.
- 3) Empty all troughs, racks, and other feeding and watering appliances.
- 4) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 5) Saturate surfaces with 1/2 ounce SYNERGIZE per gallon water (dilute 1:256) for a period of 10 minutes.
- 6) Ventilate building, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set, or dried.
- 7) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

EPA Reg. No.

EPA Est.

Patent Number:

Batch No:

66171-7

66171-TN-001, 66171-CA-001

5,891,922

Net Contents:

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed, by storage and disposal.

### PESTICIDE STORAGE:

Store away from heat. Do not transfer to another container. Do not reuse empty container

### PESTICIDE DISPOSAL:

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instruction, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**Container Handling:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available, or offer for reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. (For greater than 5 gallons) Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Dispose of rinsate as noted in the pesticide disposal section. Repeat this procedure two more times. (For 5 gallons or less) Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Dispose of rinsate as noted in the pesticide disposal section. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

**General:** Consult Federal, State or local disposal authorities for approved alternative procedures.

## PRECAUTIONARY STATEMENTS

Hazards to humans and domestic animals

### DANGER

**KEEP OUT OF REACH OF CHILDREN.** Corrosive. Causes skin burns. May be fatal if inhaled. Harmful if swallowed or gets in eyes, on skin or on clothing. Do not breathe spray or mist. Wear a dust/mist/filtering respirator (MSHA/NIOSH approved respirator with any N, P, R, or HE prefilter). Wear rubber gloves. Prolonged or frequent repeated skin contact may cause irritation. Wash hands before eating, drinking, or using the toilet. Remove contaminated clothing and wash before reuse.

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish, birds, and aquatic life. Do not apply directly to water. Do not use equipment or disposal of wastes. Do not discharge into lakes, streams, ponds, estuaries, oceans or other bodies of water. If release occurs, notify the permitting authority has been notified in writing. Effluent containing this product to sewer system without sewage treatment plant authority. For guidance contact your local Office of the EPA.

## FIRST AID

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes; remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Wash with plenty of water for 15-20 minutes; call a poison control center for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, then give artificial respiration, preferably by mouth-to-mouth, if trained. Call a poison control center or doctor for further treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice; have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor.

**HOT LINE NUMBER:** Have the product container or label with you when calling the poison control center or doctor, or going for treatment. For emergency medical treatment information, call 1-800-424-9293.

**NOTE TO PHYSICIAN:** Synergize is a disinfectant. It is not a pesticide. It should not be used for disinfection of medical equipment or for disinfection of medical waste.

Manufactured by:  
**PRESERVE**  
INTERNATIONAL

Reno, NV 89511 • (800) 995-1607 • www.preserveinternational.com

Page 1 of 2



# SYNERGIZE

## HATCHERY ROOMS, INCUBATORS, AND HATCHERS, POULTRY HOUSES AND LIVESTOCK BUILDINGS BY FOGGING:

All surfaces must be cleaned and disinfected prior to fogging. Fogging is an adjunct or supplement to normal cleaning and disinfection procedures and practices. Fogging is not used as a sanitizing treatment. Close room off so fog is confined to room to be treated. Wear a dust mist respirator when mixing the use solution and pouring it into the fogging apparatus.

### A) HATCHERY ROOMS:

Remove all animals and feed from premises, vehicles and enclosures. Close room off so fog is confined to room to be treated. Prepare a stock solution of one (1) part SYNERGIZE to four (4) parts water (25 Fluid ounces SYNERGIZE to 100 fluid ounces water). Insert the nozzle of the fogging device through a suitable opening in be room. With the setting on maximum output, fog 125 fluid ounces for each 1000 cubic yards. Do not allow people to breathe or contact the fog or to enter the room until the fog has completely settled or exhausted. Normally this is 1-4 hours in this environment.

### B) INCUBATORS AND HATCHERS:

Only for treatment of setters and hatchers after poultry / chicks / eggs have been removed. Not for treatment of hatchers which contain chicks / eggs. Prepare a stock solution of one (1) part SYNERGIZE to four (4) parts water. Fog three (3) ounces per 100 cubic feet of this fogging solution into setters and hatchers immediately after transfer. Repeat daily. Discontinue Hatcher treatments approximately 24 hours before pulling the hatch. Do not allow people to contact or breathe this fog and do not enter machines until the fog has settled (30-60 minutes after fogging is completed). To do this, install permanent fogging nozzles in setters and hatchers and use an air compressor to disperse the sanitizing solution as a fog. It is also satisfactory to fog setters and hatchers with a 1:1000 solution of SYNERGIZE. If this is done, fog for 30-90 seconds once per hour or once every two hours.

### C) POULTRY HOUSES AND LIVESTOCK BUILDINGS:

After the house has been depopulated and cleaned as in "Directions for use in farm premises, equine facilities, veal barns, ratite facilities, calf pens and vehicles, double check to be sure all people, poultry, livestock and pets have vacated the building. Close all windows, doors, curtains, etc. and the house as closed as possible. Prepare a stock solution of one (1) part SYNERGIZE to four (4) parts water (25 fluid ounces SYNERGIZE to 100 fluid ounces water). Insert the nozzle of the fogging device through a suitable opening in the room. With the setting on maximum output, fog 125 fluid ounces for each 1000 cubic yards. The Fogger itself may be placed just inside the door of the building to be treated, or the nozzle of the fogger may be inserted through a suitable opening in the door or building. The opening must be large enough to accommodate the nozzle. After fogging, the building must be kept closed for twenty-four (24) hours. After twenty-four (24) hours, the fog must have settled and the house can now be opened and aired. The house must be opened for a minimum of twenty-four (24) hours before it is repopulated with poultry or livestock.

**NOTE:** The generated fog is very irritating to eyes, skin, and mucous membranes. Under no circumstances must a room or building be entered by anyone until the fog has completely settled. A reentry time of two (2) hours is required. If the building or room must be entered, then the individuals entering the building or room must wear a self contained respirator approved by NIOSH/MSH, goggles, long sleeve shirt and pants. If feeders and waterers were not removed from the premises during treatment, or were not adequately covered to prevent contact with the treatment, they must be washed with detergent and water before use for poultry or livestock.

## AIR WASHERS AND INDUSTRIAL SCRUBBING SYSTEMS / RECIRCULATING COOLING AND PROCESS WATER SYSTEMS:

This product may only be used in industrial air washers and air washer systems which have mist-eliminating components.

SYNERGIZE must be added at the application rates described below to a water treatment system at a convenient point of uniform mixing such as a basin area. Addition may be made intermittently (Slug Dose) or continuously. Badly fouled systems can be shock treated with SYNERGIZE. Under these conditions, blowdown must be discontinued for up to 24 hours.

SYNERGIZE can be used in industrial process water systems that contain ultra filtration units and non-medical reverse osmosis membranes (Where approved for compatibility by the membrane manufacturer) and associated distribution systems.

### Intermittent (Slug Dose) Method:

**Initial Dose:** When the system is noticeably fouled, apply 2.0 to 4.0 ounces of SYNERGIZE per 100 gallons of water in the system. Repeat until control is achieved.

**Subsequent Dose:** When microbial control is evident, add 1.0 to 3.0 fluid ounces of SYNERGIZE per 100 gallons of water in the system weekly, or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

### Continuous Feed Method:

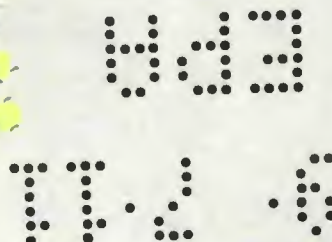
**Initial Dose:** When the system is noticeably fouled, apply 2.0 to 4.0 ounces of SYNERGIZE per 100 gallons of water in the system. Repeat until control is achieved.

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**VETERINARY PRACTICE (CLINICS)/ANIMAL CARE FACILITIES/ANIMAL LABORATORY/ANIMAL LIFE SCIENCE LABORATORY/ANIMAL RESEARCH CENTERS/ANIMAL QUARANTINE AREAS/ZOOS/PET SHOP/KENNELS/ANIMAL HUSBANDRY/ANIMAL BREEDING FACILITIES/BREEDING AND GROOMING ESTABLISHMENT/TACK SHOPS DISINFECTION DIRECTIONS:** For cleaning and disinfecting the following hard, non-porous surfaces: equipment not used for animal food or water, utensils, instruments, cages, kennels, stables, stalls and catteries. Remove all animals (and) feeds from areas to be treated, animal transportation vehicles, crates, etc. Remove all litter, droppings and manure from floors, walls and surfaces of facilities occupied or traversed by animals. Thoroughly clean all surfaces with soap or detergent and rinse with water. Apply a solution of 1/2 ounce SYNERGIZE per gallon water (dilute 1:256) for a period of 10 minutes. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals as well as forks, shovels, and scrapers used for cleaning litter and manure. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, automatic feeders, waterers, and other equipment which dispenses food or water with soap or detergent, and rinse with potable water before reuse. At 1/2 ounce per gallon of water, in the presence of 1000 ppm of hardness and 5% organic load for a 10-minute contact time, this product was found to be effective against Canine Parvovirus.

Staphylococcus aureus A.T.C.C. 6538  
Pseudomonas aeruginosa A.T.C.C. 15442  
Salmonella enterica A.T.C.C. 10708  
Aspergillus fumigatus A.T.C.C. 36607  
Porcine Respiratory & Reproductive Syndrome Virus (PRRS)\*  
Avian Influenza (H3N2)\*  
Escherichia Coli F18  
Porcine circovirus Type 2\*  
Canine parvovirus A.T.C.C. VR-2016\*

Salmonella Choleraesuis  
Salmonella Dublin  
Salmonella Enteritidis  
Salmonella Heidelberg  
Salmonella Paratyphi  
Salmonella Typhi  
Salmonella Typhimurium  
Salmonella Pullorum  
Salmonella Gallinarum  
Salmonella Brandenburg



Manufactured by:  
**PRESERVE**  
INTERNATIONAL  
Reno, NV 89511 • (800) 995-1607 • [www.preserveinternational.com](http://www.preserveinternational.com)  
Page 2 of 2

## DOT SHIPPING NAME

UN3264, Corrosive Liquid, Acidic, Inorganic,  
n.o.s. (Phosphoric Acid), 8, PG III

831/11



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August 31, 2011

Ms. Velma Noble  
Office of Pesticides Programs (7504C)  
United States Environmental Protection Agency (AMEND)  
Ariel Rios Building  
1200 Pennsylvania Avenue, N.W.  
Washington, DC 20460

Dear Ms. Noble:

Preserve International is submitting amendment documents, for our product Synergize, EPA Registration Number 66171-7:

1 Addition of the following Salmonella enterica serotypes:

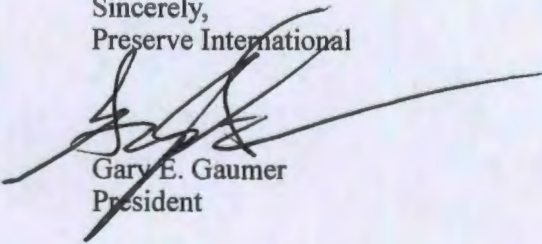
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Salmonella Typhi  
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Salmonella Pullorum  
Salmonella Gallinarum  
Salmonella Brandenburg

We have included the required: 1) USEPA Form 8570-1, Application for Pesticide, 2) Formulator's Exemption for both active ingredients, 3) Certification with respect to citation of data, 4) Data matrix, 5) six copies of the proposed labeling and 6) three copies of the confirmatory data.

If I may be of further assistance, please feel free to contact me at 775-853-9776.

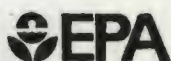
Thank you for your time and consideration.

Sincerely,  
Preserve International

  
Gary E. Gaumer  
President

48594401 AOAC Use-Dilution Test Method





United States  
Environmental Protection Agency  
Washington, DC 20460

☐ Registration  
☒ Amendment  
☐ Other

OPP Identifier Number

## Application for Pesticide - Section I

1. Company/Product Number 66171-7	2. EPA Product Manager Noble	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) SYNERGIZE	PM# 31	
5. Name and Address of Applicant (Include ZIP Code) Preserve International PO Box 17003 Reno, NV 89511  <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____  Product Name _____	

## Section - II

<input checked="" type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)  
Addition of Salmonella enterica subsp. enterica serovar Enteritidis to label.

## Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 275g,250g,55g,30g,15g,5g,4x1g		5. Location of Label Directions <input checked="" type="checkbox"/> On Label	
6. Manner in Which Label is Affixed to Product <u>Sleeve, Glue</u>		<input type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input checked="" type="checkbox"/> Other <u>Sleeve</u>	

## Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Gary E. Gaumer		Title President		Telephone No. (Include Area Code) 530-879-9220	
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					6. Date Application Received (Stamped)  ..... ..... .....
2. Signature 		3. Title President			
4. Typed Name Gary E. Gaumer		5. Date August 24, 2011			



66171-7 - Synergize (cleaner - disinfectant)  
Preserve International

A-570

Not healthcare product, but has public health organization  
Have confirmatory data

Addition of 10 *Salmonella enterica* serotypes  
was sent for efficacy review on Sep. 21/2011

MRID ~~484407~~ ~~488~~ 48594401

12.02.2011. Received the efficacy review from Tracy  
(Tajah made it) with some <sup>positive</sup> label comments  
Listed in the review

12.02.2011. Need to delete all organisms from the label.  
ask the Registrant to remove this claims  
before approving

? (Need to send him the 75 days letter + review)  
e-mail before sending it.

Gary Gartner (was sent e-mail on 12.02.11)

12.07.2011. Received a new Label from Mr. Gartner.

1. Look at the Formulator's Exemption and CSFs  
(agreement with CSFs)

check 307 submission for 22 Sep 2011 to compare  
data compensation.

12.09.2012 Data matrix and Formulator's exemption compared. OK.

01.12.2012 Tox review (draft) received  
by 24/25 January.

01.12.2012 Draft the letter

02.02. Use dif. template for letter.

02.02. Discuss with Tracy 30'

Start date October 20/2011  
Due date Feb. 20/2012.

paid in full.  
\$ 869  
7





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF  
CHEMICAL SAFETY  
AND POLLUTION  
PREVENTION

November 7, 2011

**MEMORANDUM**

SUBJECT: Efficacy Review for Synergize;  
EPA File Symbol 66171-7;  
DP Barcode: D394286

FROM: Karen Hill, Ph.D.  
Microbiologist  
Product Science Branch  
Antimicrobials Division (7510P)

THRU: Tajah Blackburn, Ph.D.  
Team Leader  
Product Science Branch  
Antimicrobials Division (7510P)

TO: Velma Noble RM31/ Tracy Lantz  
Regulatory Management Branch I  
Antimicrobials Division (7510P)

APPLICANT: Preserve International  
P.O. Box 17003  
Reno, NV 89511

*K. Hill*  
11/7/11

*[Signature]*  
11/28/11

**FORMULATION FROM THE LABEL:**

<u>Active Ingredient(s):</u>	<u>% by wt.</u>
Alkyl (C <sub>12</sub> 67%, C <sub>14</sub> 25%, C <sub>16</sub> 7%, C <sub>18</sub> 1%) dimethyl benzyl ammonium chloride .....	26.00%
Glutaraldehyde.....	7.00%
<u>Inert Ingredients</u> .....	<u>67.00%</u>
Total.....	100.00%



## I BACKGROUND

The product, Synergize, is a registered product (EPA Registration No. 66171-7). The applicant has requested to amend the registration to include disinfectant claims against *Salmonella enterica subsp. enterica serovar enteritidis* on hard non-porous surfaces for industrial and animal care and processing facilities. The product is specifically intended for industrial use in the following Animal and Poultry Housing Facilities: Hatcheries and Swine Producing Facilities, Turkey Breeder, Fryer, Grow Out, and Layer. It is also intended for use on the following equipment: Feeders, Farrowing Barns, Nurseries, Creep Areas, Hauling Equipment, Dressing Plants, Blocks, Loading Equipment, Chutes, and Waterers. The label claims that the product is effective in hard water (as much as 1000 ppm  $\text{CaCO}_3$ ) and in the presence of 5% serum. The study was performed at Antimicrobial Test Laboratories 3000 Joe DiMaggio Blvd. Suite #32 Round Rock, Texas 78665.

The data package included a letter from the applicant dated August 31, 2011, the Data Matrix, the proposed label, one efficacy study (MRID No. 485944-01), Statement of No Confidentiality Claims, Good Laboratory Practice Compliance statement, and Quality Assurance statement for referenced study.

## II USE DIRECTIONS

The product is designed to clean and disinfectant hard non-porous surfaces. The product may be used to treat hard non-porous surfaces including: glass, garbage cans, walls, floors, telephone booths, tables, sinks, and refrigerator exteriors. The proposed label claims it may be used on stainless steel, glass, hard non-porous treated wood, polyvinyl chloride, polypropylene, acrylic, ethylene propylene, tin, vinyl, viton, sealed fiberglass, nitrile, polyurethane, galvanized metal, brass, zinc, tin, glazed ceramic and tile, chrome, and aluminum. Directions on the proposed label provided the following instructions for the use and preparation of the product as a disinfectant:

Apply ½ ounce SYNERGIZE per gallon of water (1:256 dilution). Apply with cloth, sponge, mop, or mechanical coarse spray device, allow surfaces to remain wet for 10 minutes, rinse surfaces with clean water, and allow surfaces to dry.

## III AGENCY STANDARDS

### Disinfectants for Use on Hard Surfaces (Against a Broad Spectrum of Bacteria; Additional Bacteria):

Effectiveness of disinfectants against specific bacteria other than those named in the AOAC Use-Dilution Method, AOAC Germicidal Spray Products as Disinfectants Method, AOAC Fungicidal Test, and AOAC Tuberculocidal Activity Method, must be determined by either the AOAC Use-Dilution Method or the AOAC Germicidal Spray Products as Disinfectants Method. Ten carriers must be tested against specific bacteria with each of 2 product samples, representing 2 different product lots. To support products labeled as "disinfectants" for specific bacteria (other than those bacteria named in the above test methods), killing of the specific bacteria on all carriers is required. In addition, plate count data must be submitted for each microorganism to demonstrate that a concentration of at least  $10^4$  microorganisms survived the carrier-drying step.



#### IV COMMENTS ON THE SUBMITTED EFFICACY STUDIES

1. MRID 485944-01 "AOAC Use – Dilution Test Method," Test Organism: *Salmonella enterica subsp. enterica serovar enteritidis* (ATCC 13076), for Synergize, by Jason Williams. Study conducted at Antimicrobial Test Laboratories. Study completion date- August 2, 2011. Study Identification No. is GLP1077.

This study was conducted against *Salmonella enterica subsp. enterica serovar enteritidis* (ATCC 13076). Two lots (Lots No. 37817 and 37818) of the product Synergize were tested using the provided Antimicrobial Test Laboratories Protocol No. P1084. The product was diluted as 1 part test substance and 255 parts diluent (1:256 dilution). The product was diluted in 1010ppm AOAC hard water. The test culture was incubated for 48±2 hours (48 hrs. and 28 min. indicated in final report) at 36±1°C. Equine serum was added to the test culture to achieve 5% serum load. The stainless steel penicylinder carriers were submerged in 48±2 hours old suspension of test organism for 15 minutes at room temperature. Following, the carriers were placed on double filter paper-lined Petri dishes and allowed to dry for 38 minutes at 35.4°C. The inoculated carriers were each submerged in 10ml of test substance for 10 minutes at 22.2°C. Afterwards, the carriers were transferred to 10mL of AOAC Modified Letheen Broth. All subcultures were incubated for 48±2 hours at 36±1°C prior to examination of the subcultures for the presence or absence of visible growth. Controls for both product lots included carrier count, sterility, viability, and neutralization confirmation.

#### V RESULTS

Lot No.	Microorganism	Number of Positive Carriers / Number of Carriers	Average CFU/Carrier
37817	<i>Salmonella enterica</i> (ATCC 13076)	0/10	9.03 X 10 <sup>5</sup>
37818	<i>Salmonella enterica</i> (ATCC 13076)	0/10	9.03 X 10 <sup>5</sup>

#### VI CONCLUSIONS

1. The submitted efficacy data support the use of the product, Synergize, as a disinfectant with bactericidal activity against the following microorganism on hard, non-porous surfaces in the presence of a 5% organic soil load and 1000ppm hard water for a 10-minute contact time:

*Salmonella enterica subsp. enterica serovar enteritidis* (ATCC 13076) MRID 485944-01

Acceptable killing was observed in the subcultures of the required number of carriers tested against the required number of product lots. Neutralization confirmation testing showed positive growth of the microorganisms. Viability controls were positive for growth. Purity controls were reported as pure. Sterility controls did not show growth.



## VI RECOMMENDATIONS

1. The proposed label claims that the product, Synergize, is an effective disinfectant against the following microorganisms on hard, non-porous surfaces in the presence of 5% organic serum and hard water for a 10 minute contact time:

*Salmonella enterica subsp. enterica serovar Enteritidis*

These claims are acceptable as they are supported by the submitted data.

### Label:

- Please remove claims for the following organisms in the absence of acceptable efficacy data:

*Salmonella* Dublin  
*Salmonella* Heidelberg  
*Salmonella* paratyphi  
*Salmonella* typhi  
*Salmonella* typhimurium  
*Salmonella* pullorum  
*Salmonella* Gallinarum  
*Salmonella* Brandenburg

The ATCC numbers for *Salmonella enterica subsp. enterica serovar enteritidis* and *E. coli* F18 are required on master label or data matrix.

- On page 2 of the proposed label in Section B) Incubators and Hatchers, the statement "disperse the sanitizing solution as a fog" conflicts with earlier language regarding the use as a disinfectant.



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Gary E. Gaumer  
Preserve International  
P.O. Box 17003  
Reno, NV 89511

Subject: Synergize  
EPA Registration No.: 66171-7  
Notification Dated: October 11, 2011  
EPA Receipt Date: October 18, 2011

NOV 15 2011

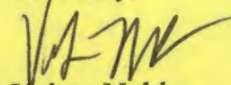
Dear Mr. Gaumer,

This letter acknowledges receipt of the notification identified above submitted under the provisions of the Federal Insecticide, Fungicide, and Rodenticide Act (FIRRA), as amended and PR Notice 98-10.

- Notification to correct typographical error and add name of product to directions for use.

Based on a review of the submitted information this notification is acceptable and will be made part of the record for this file. Should you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,



Velma Noble.

Product Manager (31).

Regulatory management Branch I.

Antimicrobials Division (7510P)

7510P:T.Lantz:11/14/11:66171-7 d notification

CONCURRENCES							
SYMBOL	7510P						
SURNAME	G. Lantz						
DATE	11/14/11						





✓ World Headquarters P.O. Box 17003, Reno, NV 89511 • Bus: (775) 853-9776 • Fax: (775) 406-3413 • USA: (800) 995-1607  
Tennessee Operation 1213 Empire Avenue, Memphis, TN 38107 • Bus: (901) 272-0031 • Fax: (901) 726-6446  
California Operation 1355 Paulson Road, Turlock, CA 95380 • Bus: (209) 664-1607 • Fax: (209) 664-1728

October 11, 2011

Office of Pesticides Programs (7504C)  
United States Environmental Protection Agency (NOTIFICATION)  
Ariel Rios Building  
1200 Pennsylvania Avenue, N.W.  
Washington, DC 20460

Re: Synergize, EPA Registration Number 66171-7

To Whom it May Concern:

Preserve International hereby submits this Synergize label as a final printed label in response to the EPA letter dated September 22, 2011.

Further, Preserve International hereby submits a notification to correct a typo error in omitting a comma, and the changing of the phrase located in the veterinary section of the label.

The comma is located in the environmental hazards section between fish and aquatic organisms.

The phrase we changed is: At ½ ounce per gallon of water, in the presence of 1000 ppm of hardness and 5% organic load for a 10-minute contact time, *SYNERGIZE* was found to be effective against Canine Parvovirus. The word *SYNERGIZE* replaced the words "this product".

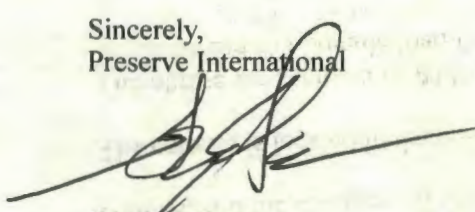
For your review, we have highlighted the changes.

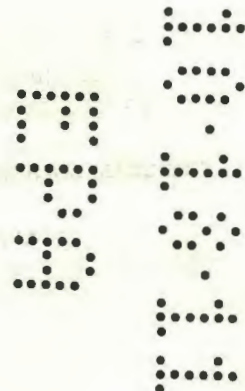
This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

If I may be of further assistance, please feel free to contact me at 775-853-9776.

Thank you for your time and consideration.

Sincerely,  
Preserve International

  
Gary E. Gaumer  
President







United States  
Environmental Protection Agency  
Washington, DC 20460

☐ Registration  
☐ Amendment  
☒ Other

OPP Identifier Number

## Application for Pesticide - Section I

1. Company/Product Number 66171-7	2. EPA Product Manager	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) SYNERGIZE	PM#	
5. Name and Address of Applicant (Include ZIP Code) Preserve International PO Box 17003 Reno, NV 89511  <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____  Product Name _____	

## Section - II

<input type="checkbox"/> Amendment - Explain below.	<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated 9/22/11
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)  
FINAL LABEL PER 9/22/11 REQUEST

*Notification of minor typo changes*

## Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 275,250,55,30,4x1,2.5x2		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product		<input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			
<input type="checkbox"/> Other _____					

## Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Gary E. Gaumer		Title President	
		Telephone No. (Include Area Code) 775-853-9776	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment both under applicable law.			6. Date Application Received (Stamped) 
2. Signature 		3. Title President	
4. Typed Name Gary E. Gaumer		5. Date OCTOBER 10, 2011	



## DESCRIPTION

SYNERGIZE is a multi-purpose disinfectant-cleaner. SYNERGIZE provides a broad spectrum kill of gram negative and gram positive microorganisms. SYNERGIZE provides effective disinfecting and cleaning in one operation. SYNERGIZE is effective in warm, soft or hard water (as much as 1000 ppm CaCO<sub>3</sub>) and performs especially well in areas containing 5% serum.

SYNERGIZE is for use on glazed ceramic and tile surfaces, stainless steel, aluminum, chrome, galvanized metal, tin, brass, zinc, glass, hard non-porous treated wood, polyethylene, polypropylene, PVC (polyvinyl chloride), vinyl, sealed fiberglass, viton, ethylene propylene, nitrile, acrylic and polyurethane.

## DIRECTIONS FOR USE:

It is in violation of Federal Law to use this product in a manner inconsistent with its labeling. Registered for disinfecting and cleaning hard non-porous surfaces. Not for use on feed, food or litter.

SYNERGIZE cleaner-disinfectant is specifically formulated for industrial use in the following Animal and Poultry Housing facilities: Turkey, Breeder, Grow Out, Fryer, Layer, Hatcheries and Swine Producing Facilities as well as the following equipment in these facilities: Waterers, Feeders, Hauling Equipment, Dressing Plants, Loading Equipment, Farrowing Barns, Nurseries, Blocks, Creep Areas, and Chutes. This product is also for use in Farm Premise, Equine Facilities, Veal Barns, Ratite Facilities (Ostrich, Emu and Rhea Facilities), Calf Pens and associated Farm Vehicles.

## USE DIRECTIONS:

To disinfect and clean hard non-porous surfaces of walls, floors, tables, sinks, refrigerator exteriors, telephone booths and garbage cans in non-animal areas associated with the sites noted above. Apply a solution of 1/2 ounce SYNERGIZE per gallon water (dilute 1:256) to pre-cleaned surfaces. Apply with cloth, sponge, mop or mechanical coarse spray device, making sure all surfaces are wetted thoroughly. Allow surfaces to remain wet for 10 minutes. All surfaces must be rinsed with clean water and allowed to dry before reuse.

**BOOT/SHOE WASH:** To prevent cross contamination into animal areas, shoe baths containing one inch of freshly made disinfecting solution must be placed at all entrances to building. Scrape waterproof shoes or boots and place in a 1/2 ounce SYNERGIZE per gallon water solution. Allow the solution to come in contact with the boot/shoe for 10 minutes. Change the disinfecting solution when solution becomes visibly dirty.

**VEHICLES:** To disinfect the non-porous, hard surfaces of vehicles use a solution of 1/2 ounce SYNERGIZE per gallon of water. Apply using a high pressure or coarse spray system. Leave all treated surfaces exposed to solution for 10 minutes, or more and allow to air dry. All treated surfaces that will contact feed or drinking water must be thoroughly scrubbed with soap or detergent then rinsed with potable water before reuse.

## DIRECTIONS FOR USE IN SWINE PRODUCING FACILITIES:

1) Remove all animals and feed from the premises, vehicles and enclosures. 2) Empty all troughs, racks, and other feeding and watering appliances. 3) Remove all gross soil, bedding, manure, caked on dirt, spider webs, etc. from walls to ceilings of barns, pens, stalls, chutes, and other facilities occupied or traversed by hogs or other animals. 4) Thoroughly clean all surfaces with soap or detergent and rinse with water. 5) Thoroughly saturate all surfaces with a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256), using conventional spraying methods. 6) Allow all treated areas to remain in contact with this solution for at least 10 minutes. 7) Immerse equipment used in handling and restraining animals, forks, shovels, and scrapers used for removing manure in SYNERGIZE at a dilution of 1:256. Allow to remain in contact for at least 10 minutes. 8) Ventilate buildings, and other closed spaces. Do not house swine or other livestock until treatment has been absorbed, set, or dried. 9) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

## DIRECTIONS FOR USE IN FARM PREMISES, EQUINE FACILITIES, VEAL BARN, RATITE FACILITIES, CALF PENS AND VEHICLES:

1) Do not use in milking stalls, milking parlors, or milk houses. 2) Remove all animals and feed from the premises, vehicles, and enclosures. 3) Remove all gross soil, bedding, manure, caked on dirt, spider webs, etc. from floors, surfaces, and from walls to ceiling of barns, pens, stalls, chutes, and other facilities occupied or traversed by hogs or other animals. 4) Empty all troughs, racks, and other feeding and watering appliances. 5) Thoroughly clean all surfaces with soap or detergent and rinse with water. 6) Thoroughly saturate all surfaces with a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256), using conventional spraying methods. Allow to remain in contact with this solution for at least 10 minutes.

# SYNERGIZE CLEANER-DISINFECTANT

STAPHYLOCIDAL • PSEUDOMONACIDAL

• SALMONELLACIDAL • VIRUCIDAL\*

• PARVOCIDAL • FUNGICIDAL

ASPERGILLOCIDAL

Synergize cleaner-disinfectant is specifically formulated for industrial use in the following Animal and Poultry Housing facilities: Turkey, Breeder, Grow Out, Fryer, Layer, Hatcheries and Swine Producing Facilities as well as the following equipment in these facilities: Waterers, Feeders, Hauling Equipment, Loading Equipment, Farrowing Barns, Nurseries, Blocks, Creep Areas, and Chutes. This product is also for use in Farm Premises, Equine Facilities, Veal Barns, Ratite Facilities (Ostrich, Emu and Rhea Facilities), Calf Pens and associated Farm Vehicles, Veterinary Practice, Animal Care, and Animal Laboratory.

## Active Ingredients:

Alkyl (C12 67%, C14 25%, C16 7%, C18 1%) dimethyl benzyl ammonium chloride.....	26.00%
Glutaraldehyde.....	7.00%
Inert Ingredients.....	67.00%
TOTAL.....	100.00%

## KEEP OUT OF REACH OF CHILDREN DANGER

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

See First Aid statement and additional precautions on side panel

7) Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels and scrapers used for removing manure in a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256). Allow to remain in contact for 10 minutes.

8) Ventilate buildings, cars, boats, coops and other closed spaces. Do not house poultry or livestock or employ equipment until treatment has been absorbed, set or dried.

9) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

## DIRECTIONS FOR USE IN POULTRY HOUSE:

1) Remove all poultry and feeds from premises, trucks, coops, and crates. 2) Remove all litter and droppings from floors, walls and surfaces of facilities occupied or traversed by poultry. 3) Empty all troughs, racks, and other feeding and watering appliances. 4) Thoroughly clean all surfaces with soap or detergent and rinse with water. 5) Saturate surfaces with 1/2 ounce SYNERGIZE per gallon water (dilute 1:256) for a period of 10 minutes. 6) Ventilate building, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set, or dried. 7) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

EPA Reg. No.  
EPA Est.  
Patent Number:

66171-7  
66171-TN-001, 66171-CA-001  
5,891,922

Batch No: \_\_\_\_\_

Net Contents: \_\_\_\_\_

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed, by storage and disposal.

## PESTICIDE STORAGE:

Store away from heat. Do not transfer to another container. Do not reuse empty container.

## PESTICIDE DISPOSAL:

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instruction, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**Container Handling:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available, or offer for reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. (For greater than 5 gallons) Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Dispose of rinsate as noted in the pesticide disposal section. Repeat this procedure two more times. (For 5 gallons or less) Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Dispose of rinsate as noted in the pesticide disposal section. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

**General:** Consult Federal, State or local disposal authorities for approved alternative procedures.

## PRECAUTIONARY STATEMENTS

Hazards to humans and domestic animals

## DANGER

**KEEP OUT OF REACH OF CHILDREN.** Corrosive. Causes irreversible eye damage and skin burns. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Do not breathe spray mist. Wear goggles or face shield. Wear a dust/mist/filtering respirator (MSHA/NIOSH approval number prefix TC-21C) or a NIOSH approved respirator with any N, P, R, or HE prefilter. Wear protective clothing and rubber gloves. Prolonged or frequent repeated skin contact may cause allergic reaction in some individuals. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

**ENVIRONMENTAL HAZARDS:** This product is toxic to aquatic invertebrates, oysters, and shrimp. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other water unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

## FIRST AID

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes; remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye; call a poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing; rinse skin immediately with plenty of water for 15-20 minutes; call a poison control center or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible; call a poison control center or doctor for further treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice; have person sip a glass of water if able to swallow; do not induce vomiting unless told to do so by the poison control center or doctor; do not give anything by mouth to an unconscious person.

**HOT LINE NUMBER:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1 (800) 255-3924 for emergency medical treatment information. For information on this pesticide (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1 (800) 858-7378.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.



Reno, NV 89511 • (800) 995-1607 • www.preserveinternational.com

Page 1 of 2



# SYNERGIZE

## HATCHERY ROOMS, INCUBATORS, AND HATCHERS, POULTRY HOUSES AND LIVESTOCK BUILDINGS BY FOGGING:

All surfaces must be cleaned and disinfected in accordance with label directions prior to fogging. Fogging is an adjunct or supplement to normal cleaning and disinfection procedures and practices. Fogging is not used as a sanitizing treatment. Close room off so fog is confined to room to be treated. Wear a dust mist respirator when mixing the use solution and pouring it into the fogging apparatus.

### A) HATCHERY ROOMS:

Remove all animals and feed from premises, vehicles and enclosures. Close room off so fog is confined to room to be treated. Prepare a stock solution of one (1) part SYNERGIZE to four (4) parts water (25 Fluid ounces SYNERGIZE to 100 fluid ounces water). Insert the nozzle of the fogging device through a suitable opening in the room. With the setting on maximum output, fog 125 fluid ounces for each 1000 cubic yards. Do not allow people to breathe or contact the fog or to enter the room until the fog has completely settled or exhausted. Normally this is 1-4 hours in this environment.

### B) INCUBATORS AND HATCHERS:

Only for treatment of setters and hatchers after poultry / chicks / eggs have been removed. Not for treatment of hatchers which contain chicks / eggs. Prepare a stock solution of one (1) part SYNERGIZE to four (4) parts water. Fog three (3) ounces per 100 cubic feet of this fogging solution into setters and hatchers immediately after transfer. Repeat daily. Discontinue Hatcher treatments approximately 24 hours before pulling the hatch. Do not allow people to contact or breathe this fog and do not enter machines until the fog has settled (30-60 minutes after fogging is completed). To do this, install permanent fogging nozzles in setters and hatchers and use an air compressor to disperse the sanitizing solution as a fog. It is also satisfactory to fog setters and hatchers with a 1:1000 solution of SYNERGIZE. If this is done, fog for 30-90 seconds once per hour or once every two hours.

### C) POULTRY HOUSES AND LIVESTOCK BUILDINGS:

After the house has been depopulated and cleaned as in "Directions for use in farm premises, equine facilities, veal barns, ratite facilities, calf pens and vehicles", double check to be sure all people, poultry, livestock and pets have vacated the building. Close all windows, doors, curtains, etc. making the house as closed as possible. Prepare a stock solution of one (1) part SYNERGIZE to four (4) parts water (25 fluid ounces SYNERGIZE to 100 fluid ounces water). Insert the nozzle of the fogging device through a suitable opening in the room. With the setting on maximum output, fog 125 fluid ounces for each 1000 cubic yards. The fogger itself is placed just inside the door of the building to be treated, or the nozzle of the fogger is inserted through a suitable opening in the door or building. The opening must be large enough to accommodate the nozzle. After fogging, the building must be kept closed for twenty-four (24) hours. After twenty-four (24) hours, the fog must have settled and the house can now be opened and aired. The house must be opened for a minimum of twenty-four (24) hours before it is repopulated with poultry or livestock.

**NOTE:** The generated fog is very irritating to eyes, skin, and mucous membranes. Under no circumstances must a room or building be entered by anyone until the fog has completely settled. A reentry time of two (2) hours is required. If the building or room must be entered, then the individuals entering the building or room must wear a self contained respirator approved by NIOSH/MSH, goggles, long sleeve shirt and pants. If feeders and waterers were not removed from the premises during treatment, or were not adequately covered to prevent contact with the treatment, they must be washed with detergent and water before use for poultry or livestock.

## AIR WASHERS AND INDUSTRIAL SCRUBBING SYSTEMS / RECIRCULATING COOLING AND PROCESS WATER SYSTEMS:

This product is used in industrial air washers and air washer systems which have mist-eliminating components. SYNERGIZE must be added at the application rates described below to a water treatment system at a convenient point of uniform mixing such as a basin area. Addition is made intermittently (Slug Dose) or continuously. Badly fouled systems are shock treated with SYNERGIZE. Under these conditions, blowdown must be discontinued for up to 24 hours. SYNERGIZE is used in industrial process water systems that contain ultra filtration units and non-medical reverse osmosis membranes (Where approved for compatibility by the membrane manufacturer) and associated distribution systems.

**Intermittent (Slug Dose) Method: Initial Dose:** When the system is noticeably fouled, apply 2.0 to 4.0 ounces of SYNERGIZE per 100 gallons of water in the system. Repeat until control is achieved. **Subsequent Dose:** When microbial control is evident, add 1.0 to 3.0 fluid ounces of SYNERGIZE per 100 gallons of water in the system weekly, or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

**Continuous Feed Method: Initial Dose:** When the system is noticeably fouled, apply 2.0 to 4.0 ounces of SYNERGIZE per 100 gallons of water in the system. Repeat until control is achieved. **Subsequent Dose:** Maintain this treatment level by starting a continuous feed of 1 to 4 ounces per 100 gallons of water lost to blowdown. Badly fouled systems must be cleaned before treatment is begun.

**VETERINARY PRACTICE (CLINICS)/ANIMAL CARE FACILITIES/ANIMAL LABORATORY/ANIMAL LIFE SCIENCE LABORATORY/ANIMAL RESEARCH CENTERS/ANIMAL QUARANTINE AREAS/ZOOS/PET SHOP/KENNELS/ANIMAL HUSBANDRY/ANIMAL BREEDING FACILITIES/BREEDING AND GROOMING ESTABLISHMENT/TACK SHOPS DISINFECTION DIRECTIONS:** For cleaning and disinfecting the following hard, non-porous surfaces: equipment not used for animal food or water, utensils, instruments, cages, kennels, stables, stalls and catteries. Remove all animals (and) feeds from areas to be treated, animal transportation vehicles, crates, etc. Remove all litter, droppings and manure from floors, walls and surfaces of facilities occupied or traversed by animals. Thoroughly clean all surfaces with soap or detergent and rinse with water. Apply a solution of 1/2 ounce SYNERGIZE per gallon water (dilute 1:256) for a period of 10 minutes. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals as well as forks, shovels, and scrapers used for removing litter and manure. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. At 1/2 ounce per gallon of water, in the presence of 1000 ppm of hardness and 5% organic load for a 10-minute contact time SYNERGIZE was found to be effective against Canine Parvovirus.

Staphylococcus aureus A.T.C.C. 6538  
Pseudomonas aeruginosa A.T.C.C. 15442  
Salmonella enterica A.T.C.C. 10708  
Aspergillus fumigatus A.T.C.C. 36607  
Porcine Respiratory & Reproductive Syndrome Virus (PRRS)\*  
Avian Influenza (H3N2)\*  
Escherichia Coli F18  
Porcine circovirus Type 2  
Canine parvovirus A.T.C.C. VR-299\*

Manufactured by:  
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Page 2 of 2

## DOT SHIPPING NAME

UN3264, Corrosive Liquid, Acidic, Inorganic,  
n.o.s. (Phosphoric Acid), 8, PG III

10/10/11



**RISK ASSIGNMENT FORM**  
Antimicrobial Division/Regulatory Management Branch I

<b>A</b>	Completed by Product Manager						
PRODUCT REVIEWER: <i>Tracy</i>					RMBI <u>TEAM 31</u>		
Type of Action: <i>Notification</i>					EPA File Symbol/Reg No. <i>66171-7</i>		
Decision No. <i>456778</i>		Submission No. <i>905401</i>		Fee for Service Action Code:			
FQPA Action Code: <i>332</i>		Non-FQPA Action Code:		PRIA FEE AMOUNT:			
	MONTH	DAY	YEAR				
APPLICATION DATE	<i>10</i>	<i>11</i>	2011				
EPA PIN DATE	<i>10</i>	<i>18</i>	2011				
DATE PM RECEIVED FROM FRONT END			2011				
DATE SENT TO SCIENCE							
DATE RECEIVED FROM SCIENCE							
DATE DUE TO PM	<i>11</i>	<i>17</i>	<i>2011</i>				
Type of Data:	PSB Product Chemistry	PSB Acute Toxicology	PSB Efficacy	RASSB Environmental Fate	RASSB Ecological Effects	RASSB Chronic Toxicology	RASSB Exposure/Residue
<i>Notification - Give to Tracy</i> <div style="float: right; text-align: right;"> <i>Do I have jacket?</i>  <i>A570 due 2/20/12 w/ Emilia</i> </div> <div style="text-align: right; margin-top: 10px;"><i>OK</i></div>							
ATTACHMENTS:    -LABELING                      -CSF(S)                      -DATA                      -OTHERS							
<b>B</b>	For Arctic Slope Contract Only						
	Contract No.: 0052		ARCTIC SLOPE/MANAGER				
	Final Task: Signature _____ (Total hrs)						
<b>C</b>	Reviewer Comments:						
DATE FEE PAID:				RESPONSE CODE:		RESPONSE DATE:	



Receipt for Section 3

S: 905401

Resubmission: ☐ Yes ☒ No

Regulatory Type: Product Registration - Section 3

Fee For Service: ☒ Yes ☐ No

Application Type: Notification

Print Letter

Enter More Information

Tracking

Company: 66171 PRESERVE INTERNATIONAL

V

Risk Manager: Antimicrobials Division, Risk Management Team 31

Product #: 66171-7

Product Name: SYNERGIZE

Override#:

Me Too Section3:

Me Too Product Name:

Application Date: 11-Oct-2011

OPP Rec'vd Date: 18-Oct-2011

Front End Date: 18-Oct-2011

Risk Manager Send Date: 18-Oct-2011

FFS Due Date:

Negotiated Due Date:

OPP Target Date:

Fast Track: ☐

New Ingredient: ☐

Receipt Description: This Notification is consistent with provisions of PR Notice 98-10

New Ingredient Request Date:

New Ingredient Received Date:

Form A: ☐

Signature Date:

Form B: ☐

Signature Date:

Receipt Content

Paper Label

View/Edit



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Gary E. Gaumer  
 Preserve International  
 P.O. Box 17003  
 Reno, NV 89511

Subject: Synergize  
 EPA Registration No.: 66171-7  
 Amendment Date: May 16, 2011  
 EPA Receipt Date: June 1, 2011



Dear Mr. Gaumer,

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), section 3(C)(7)(A) is acceptable subject to the comments listed below.

- Addition of Air Washers and Industrial Scrubbing Systems
- Addition of Canine parvovirus

#### Conditions

1. Revise the first section on page 2 to begin as follows: "All surfaces must be cleaned and disinfected in accordance with label directions prior to fogging..."
2. Make the following corrections to section C) Poultry Houses and Livestock Buildings: add quotation marks after the phrase: "...calf pens and vehicles". Add mandatory language as per PR 2000-5 as follows: "...The Fogger itself is placed just inside...the nozzle of the fogger is inserted..."
3. Add mandatory language to the Air Washers and Industrial Scrubbing section as follows: "This product is used in industrial air washers..." "...Addition is made intermittently..." "...Badly fouled systems are shock treated..." "Synergize is used in industrial process water..."
4. In the Air Washers and Industrial Scrubbing section, Continuous Feed Method, Subsequent Dose revise to read as follows replacing the first statement with: "Maintain this treatment level by starting a continuous feed of 1 to 4 ounces per 100 gallons of water lost to blowdown. Badly fouled systems."

#### CONCURRENCES

SYMBOL	7510P							
SURNAME	J. J. J.							
DATE	9/22/11							



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

5. Delete the following incorrect statement from the Veterinary Practice section. This statement is not appropriate as the beginning of this section indicates that the product is not for treatment of equipment used for animal food or water. Delete: "Thoroughly scrub treated feed racks, automatic feeders, waterers and other equipment which dispenses food or water with soap or detergent and rinse with potable water before reuse."

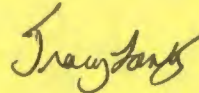
**General Comments**

A stamped copy of the accepted labeling is enclosed. Submit one (1) copy of your final printed labeling before distributing or selling the product bearing the revised labeling.

Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3 (c) (5) and section 4 (a) when the Agency requires all registrants of similar products to submit such data.

If the above conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6 (e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions. Should you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,



for

Velma Noble  
Product Manager (31)  
Regulatory Management Branch I  
Antimicrobials Division (7510P)

7510P:T.Lantz:9/22/11:66171-7k

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							



## DESCRIPTION

SYNERGIZE is a multi-purpose disinfectant-cleaner. SYNERGIZE provides a broad spectrum kill of gram negative and gram positive microorganisms. SYNERGIZE provides effective disinfecting and cleaning in one operation. SYNERGIZE is effective in warm, soft or hard water (as much as 1000 ppm CaCO<sub>3</sub>) and performs especially well in areas containing 5% serum.

SYNERGIZE is for use on glazed ceramic and tile surfaces, stainless steel, aluminum, chrome, galvanized metal, tin, brass, zinc, glass, hard non-porous treated wood, polyethylene, polypropylene, PVC (polyvinyl chloride), vinyl, sealed fiberglass, viton, ethylene propylene, nitrile, acrylic and polyurethane.

## DIRECTIONS FOR USE:

It is in violation of Federal Law to use this product in a manner inconsistent with its labeling. Registered for disinfecting and cleaning hard non-porous surfaces. Not for use on food, food or litter.

SYNERGIZE cleaner-disinfectant is specifically formulated for industrial use in the following Animal and Poultry Housing facilities: Turkey, Breeder, Grow Out, Fryer, Layer, Hatcheries and Swine Producing Facilities as well as the following equipment in these facilities: Waterers, Feeders, Hauling Equipment, Dressing Plants, Loading Equipment, Farrowing Barns, Nurseries, Blocks, Creep Areas, and Chutes. This product is also for use in Farm Calving Facilities, Veal Barns, Ratite Facilities (Ostrich, Emu and Rhea Facilities), and Pens and associated Farm Vehicles.

## USE DIRECTIONS:

To disinfect and clean hard non-porous surfaces of walls, floors, tables, sinks, refrigerator exteriors, telephone booths and garbage cans in non-animal areas associated with the sites noted above. Apply a solution of 1/2 ounce SYNERGIZE per gallon water (dilute 1:256) to precleaned surfaces. Apply with cloth, sponge, mop or mechanical coarse spray device, making sure all surfaces are wetted thoroughly. Allow surfaces to remain wet for 10 minutes. All surfaces must be rinsed with clean water and allowed to dry before reuse.

**BOOT/SOPE WASH:** To prevent cross contamination into animal areas, shoe baths containing one inch of freshly made disinfecting solution must be placed at all entrances to building. Scrape waterproof shoes or boots and place in a 1/2 ounce SYNERGIZE per gallon water solution. Allow the solution to come in contact with the boot/shoe for 10 minutes. Change the disinfecting solution when solution becomes visibly dirty.

**VEHICLES:** To disinfect the non-porous, hard surfaces of vehicles use a solution of 1/2 ounce SYNERGIZE per gallon of water. Apply using a high pressure or coarse spray system. Leave all treated surfaces exposed to solution for 10 minutes, or more and allow to air dry. All treated surfaces that will contact feed or drinking water must be thoroughly scrubbed with soap or detergent then rinsed with potable water before reuse.

## DIRECTIONS FOR USE IN SWINE PRODUCING FACILITIES:

- 1) Remove all animals and feed from the premises, vehicles and enclosures.
- 2) Empty all troughs, racks, and other feeding and watering appliances.
- 3) Remove all gross soil, bedding, manure, caked on dirt, spider webs, etc. from walls to ceilings of barns, pens, stalls, chutes, and other facilities occupied or traversed by hogs or other animals.

Thoroughly clean all surfaces with soap or detergent and rinse with water.

Thoroughly saturate all surfaces with a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256), using conventional spraying methods.

- 6) Allow all treated areas to remain in contact with this solution for at least 10 minutes.
- 7) Immerse equipment used in handling and restraining animals, forks, shovels, and scrapers used for removing manure in SYNERGIZE at a dilution of 1:256. Allow to remain in contact for at least 10 minutes.
- 8) Ventilate buildings, and other closed spaces. Do not house swine or other livestock until treatment has been absorbed, set, or dried.
- 9) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

## DIRECTIONS FOR USE IN FARM PREMISES, EQUINE FACILITIES, VEAL BARN, RATITE FACILITIES, CALF PENS AND VEHICLES:

- 1) Do not use in milking stalls, milking parlors, or milking houses.
- 2) Remove all animals and feed from the premises, vehicles and enclosures.
- 3) Remove all gross soil, bedding, manure, caked on dirt, spider webs, etc. from floors, surfaces, and from walls to ceiling of barns, pens, stalls, chutes, and other facilities occupied or traversed by hogs or other animals.
- 4) Empty all troughs, racks, and other feeding and watering appliances.
- 5) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 6) Thoroughly saturate all surfaces with a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256), using conventional spraying methods. Allow to remain in contact with this solution for at least 10 minutes.

Manufactured by:

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INTERNATIONAL

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Page 1 of 2

# SYNERGIZE

## CLEANER-DISINFECTANT

STAPHYLOCIDAL • PSEUDOMONACIDAL

• SALMONELLACIDAL • VIRUCIDAL\*

• PARVOCIDAL • FUNGICIDAL

ASPERGILLOCIDAL

Synergize cleaner-disinfectant is specifically formulated for industrial use in the following Animal and Poultry Housing facilities: Turkey, Breeder, Grow Out, Fryer, Layer, Hatcheries and Swine Producing Facilities as well as the following equipment in these facilities: Waterers, Feeders, Hauling Equipment, Loading Equipment, Farrowing Barns, Nurseries, Blocks, Creep Areas, and Chutes. This product is also for use in Farm Premises, Equine Facilities, Veal Barns, Ratite Facilities (Ostrich, Emu and Rhea Facilities), Calf Pens and associated Farm Vehicles, Veterinary Practice, Animal Care, and Animal Laboratory.

## Active Ingredients:

Alkyl (C12 67%, C14 25%, C16 7%, C18 1%) dimethyl benzyl ammonium chloride.....	26.00%
Glutaraldehyde.....	7.00%
Inert Ingredients.....	67.00%
TOTAL.....	100.00%

## KEEP OUT OF REACH OF CHILDREN DANGER

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

See First Aid statement and additional precautions on side panel

7) Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels and scrapers used for removing manure in a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256). Allow to remain in contact for 10 minutes.

8) Ventilate buildings, cars, boats, coops and other closed spaces. Do not house poultry or livestock or employ equipment until treatment has been absorbed, set or dried.

9) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

## DIRECTIONS FOR USE IN POULTRY HOUSE:

- 1) Remove all poultry and feeds from premises, trucks, coops, and crates.
- 2) Remove all litter and droppings from floors, walls and surfaces of facilities occupied or traversed by poultry.
- 3) Empty all troughs, racks, and other feeding and watering appliances.
- 4) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 5) Saturate surfaces with 1/2 ounce SYNERGIZE per gallon water (dilute 1:256) for a period of 10 minutes.
- 6) Ventilate building, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set, or dried.
- 7) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

EPA Reg. No.

EPA Est.

Patent Number:

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

66171-7

66171-TN-001, 66171-CA-001

5,891,922

Batch No:

Net Contents:

SEP 22 2011

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 66171-7

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed, by storage and disposal.

## PESTICIDE STORAGE:

Store away from heat. Do not transfer to another container. Do not reuse empty container.

## PESTICIDE DISPOSAL:

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instruction, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**Container Handling:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available, or offer for reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

(For greater than 5 gallons) Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Dispose of rinsate as noted in the pesticide disposal section. Repeat this procedure two more times. (For 5 gallons or less) Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Dispose of rinsate as noted in the pesticide disposal section. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

**General:** Consult Federal, State or local disposal authorities for approved alternative procedures.

## PRECAUTIONARY STATEMENTS

Hazards to humans and domestic animals

## DANGER

**KEEP OUT OF REACH OF CHILDREN.** Corrosive. Causes irreversible eye damage and skin burns. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Do not breathe spray mist. Wear goggles or face shield. Wear a dust/mist/filtering respirator (MSHA/NIOSH approval number prefix TC-21C) or a NIOSH approved respirator with any N, P, R, or HE prefilter. Wear protective clothing and rubber gloves. Prolonged or frequent repeated skin contact may cause allergic reaction in some individuals. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish aquatic invertebrates, oysters, and shrimp. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other water unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

## FIRST AID

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes; remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye; call a poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing; rinse skin immediately with plenty of water for 15-20 minutes; call a poison control center or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible; call a poison control center or doctor for further treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice; have person sip a glass of water if able to swallow; do not induce vomiting unless told to do so by the poison control center or doctor; do not give anything by mouth to an unconscious person.

**HOT LINE NUMBER:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1 (800) 255-3924 for emergency medical treatment information. For information on this pesticide (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1 (800) 858-7378.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.



# SYNERGIZE

## HATCHERY ROOMS, INCUBATORS, AND HATCHERS, POULTRY HOUSES AND LIVESTOCK BUILDINGS BY FOGGING:

All surfaces must be cleaned and disinfected prior to fogging. Fogging is an adjunct or supplement to normal cleaning and disinfection procedures and practices. Fogging is not used as a sanitizing treatment. Close room off so fog is confined to room to be treated. Wear a dust mist respirator when mixing the use solution and pouring it into the fogging apparatus.

### A) HATCHERY ROOMS:

Remove all animals and feed from premises, vehicles and enclosures. Close room off so fog is confined to room to be treated. Prepare a stock solution of one (1) part SYNERGIZE to four (4) parts water (25 Fluid ounces SYNERGIZE to 100 fluid ounces water). Insert the nozzle of the fogging device through a suitable opening in be room. With the setting on maximum output, fog 125 fluid ounces for each 1000 cubic yards. Do not allow people to breathe or contact the fog or to enter the room until the fog has completely settled or exhausted. Normally this is 1-4 hours in this environment.

### B) INCUBATORS AND HATCHERS:

Only for treatment of setters and hatchers after poultry / chicks / eggs have been removed. Not for treatment of hatchers which contain chicks / eggs. Prepare a stock solution of one (1) part SYNERGIZE to four (4) parts water. Fog three (3) ounces per 100 cubic feet of this fogging solution into setters and hatchers immediately after transfer. Repeat daily. Discontinue Hatcher treatments approximately 24 hours before pulling the hatch. Do not allow people to contact or breathe this fog and do not enter machines until the fog has settled (30-60 minutes after fogging is completed). To do this, install permanent fogging nozzles in setters and hatchers and use an air compressor to disperse the sanitizing solution as a fog. It is also satisfactory to fog setters and hatchers with a 1:1000 solution of SYNERGIZE. If this is done, fog for 30-90 seconds once per hour or once every two hours.

### C) POULTRY HOUSES AND LIVESTOCK BUILDINGS:

After the house has been depopulated and cleaned as in "Directions for use in farm premises, equine facilities, calf pens and vehicles, double check to be sure all people, poultry, livestock and pets have vacated the building. Close all windows, doors, curtains, etc. making the house as closed as possible. Prepare a stock solution of one (1) part SYNERGIZE to four (4) parts water (25 fluid ounces SYNERGIZE to 100 fluid ounces water). Insert the nozzle of the fogging device through a suitable opening in the room. With the setting on maximum output, fog 125 fluid ounces for each 1000 cubic yards. The Fogger itself may be placed just inside the door of the building to be treated, or the nozzle of the fogger may be inserted through a suitable opening in the door or building. The opening must be large enough to accommodate the nozzle. After fogging, the building must be kept closed for twenty-four (24) hours. After twenty-four (24) hours, the fog must have settled and the house can now be opened and aired. The house must be opened for a minimum of twenty-four (24) hours before it is repopulated with poultry or livestock.

**NOTE:** The generated fog is very irritating to eyes, skin, and mucous membranes. Under no circumstances must a room or building be entered by anyone until the fog has completely settled. A reentry time of two (2) hours is required. If the building or room must be entered, then the individuals entering the building or room must wear a self contained respirator approved by NIOSH/MSH, goggles, long sleeve shirt and pants. If feeders and waterers were not removed from the premises during treatment, or were not adequately covered to prevent contact with the treatment, they must be washed with detergent and water before use for poultry or livestock.

## AIR WASHERS AND INDUSTRIAL SCRUBBING SYSTEMS / RECIRCULATING COOLING AND PROCESS WATER SYSTEMS:

This product may only be used in industrial air washers and air washer systems which have mist-eliminating components.

SYNERGIZE must be added at the application rates described below to a water treatment system at a convenient point of uniform mixing such as a basin area. Addition may be made intermittently (Slug Dose) or continuously. Badly fouled systems can be shock treated with SYNERGIZE. Under these conditions, blowdown must be discontinued for up to 24 hours.

SYNERGIZE can be used in industrial process water systems that contain ultra filtration units and non-medical reverse osmosis membranes (Where approved for compatibility by the membrane manufacturer) and associated distribution systems.

### Intermittent (Slug Dose) Method:

**Initial Dose:** When the system is noticeably fouled, apply 2.0 to 4.0 ounces of SYNERGIZE per 100 gallons of water in the system. Repeat until control is achieved.

**Subsequent Dose:** When microbial control is evident, add 1.0 to 3.0 fluid ounces of SYNERGIZE per 100 gallons of water in the system weekly, or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

### Continuous Feed Method:

**Initial Dose:** When the system is noticeably fouled, apply 2.0 to 4.0 ounces of SYNERGIZE per 100 gallons of water in the system. Repeat until control is achieved.

**Subsequent Dose:** When microbial control is evident, add 1.0 to 3.0 fluid ounces of SYNERGIZE per 100 gallons of water in the system weekly, or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

**VETERINARY PRACTICE (CLINICS)/ANIMAL CARE FACILITIES/ANIMAL LABORATORY/ANIMAL LIFE SCIENCE LABORATORY/ANIMAL RESEARCH CENTERS/ANIMAL QUARANTINE AREAS/ZOOS/PET SHOP/KENNELS/ANIMAL HUSBANDRY/ANIMAL BREEDING FACILITIES/BREEDING AND GROOMING ESTABLISHMENT/TACK SHOPS DISINFECTION DIRECTIONS:** For cleaning and disinfecting the following hard, non-porous surfaces: equipment not used for animal food or water, utensils, instruments, cages, kennels, stables, stalls and catteries. Remove all animals (and) feeds from areas to be treated, animal transportation vehicles, crates, etc. Remove all litter, droppings and manure from floors, walls and surfaces of facilities occupied or traversed by animals. Thoroughly clean all surfaces with soap or detergent and rinse with water. Apply a solution of 1/2 ounce SYNERGIZE per gallon water (dilute 1:256) for a period of 10 minutes. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals as well as forks, shovels, and scrapers used for removing litter and manure. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, automatic feeders, waterers, and other equipment which dispenses food or water with soap or detergent, and rinse with potable water before reuse. At 1/2 ounce per gallon of water, in the presence of 1000 ppm of hardness and 5% organic load for a 10-minute contact time, this product was found to be effective against Canine Parvovirus.

Staphylococcus aureus A.T.C.C. 6538  
Pseudomonas aeruginosa A.T.C.C. 15442  
Salmonella enterica A.T.C.C. 10708  
Aspergillus fumigatus A.T.C.C. 36607  
Porcine Respiratory & Reproductive Syndrome Virus (PRRS)\*  
Avian Influenza (H3N2)\*  
Escherichia Coli F18  
Porcine circovirus Type 2\*  
Canine parvovirus A.T.C.C. VR-2016\*

843

11.10.90

Manufactured by:  
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Page 2 of 2

## DOT SHIPPING NAME

UN3264, Corrosive Liquid, Acidic, Inorganic,  
n.o.s. (Phosphoric Acid), 8, PG III

5/24/11



**RISK ASSIGNMENT FORM**  
Antimicrobial Division/Regulatory Management Branch I

<b>A</b>	Completed by Product Manager						
PRODUCT REVIEWER: <i>Tracy</i>					RMBI <u>TEAM 31</u>		
Type of Action: <i>Label review</i>					EPA File Symbol/Reg No. <i>66171-7</i>		
Decision No. <i>450321</i>		Submission No. <i>896987</i>		Fee for Service Action Code:			
FQPA Action Code: <i>302</i> <i>307</i>		Non-FQPA Action Code:		PRIA FEE AMOUNT:			
		MONTH	DAY	YEAR			
APPLICATION DATE		<i>5</i>	<i>25</i>	2011			
EPA PIN DATE		<i>6</i>	<i>1</i>	2011			
DATE PM RECEIVED FROM FRONT END				2011			
DATE SENT TO SCIENCE							
DATE RECEIVED FROM SCIENCE							
DATE DUE TO PM		<i>9</i>	<i>29</i>	2011			
Type of Data:	PSB Product Chemistry	PSB Acute Toxicology	PSB Efficacy	RASSB Environmental Fate	RASSB Ecological Effects	RASSB Chronic Toxicology	RASSB Exposure/Residue
<p><i>Label review - Gme to Tracy</i></p> <p align="right"><i>ordered jacket</i></p> <p align="center"><i>See flagged letters in jacket/check all earlier letters!</i></p>							
ATTACHMENTS:    -LABELING                      -CSF(S)                      -DATA                      -OTHERS							
<b>B</b>	For Arctic Slope Contract Only						
	Contract No.: 0052		ARCTIC SLOPE/MANAGER				
	Final Task: Signature _____ (Total hrs)						
<b>C</b>	Reviewer Comments:						
DATE FEE PAID:				RESPONSE CODE:		RESPONSE DATE:	



# Receipt for Section 3

S: 898987

Resubmission: ☐ Yes ☒ No

Regulatory Type: Product Registration - Section 3

Fee For Service: ☐ Yes ☒ No

Application Type: Amendment

Billable: ☐ Yes ☒ No

Company: 66171 PRESERVE INTERNATIONAL



Print Letter

Enter More Information

Tracking

Risk Manager: Antimicrobials Division, Risk Management Team 31

Product #: 66171-7 Product Name: SYNERGIZE

Override#:

Me Too

Me Too

Section3:

Product Name:

Application Date: 16-May-2011



OPP Rec'd Date: 01-Jun-2011



Front End Date: 01-Jun-2011



Risk Manager Send Date: 02-Jun-2011



FFS Due Date:

Negotiated Due Date:

OPP Target Date:

Fast Track: ☐

New Ingredient: ☐

Receipt Description:

Label amendment

New Ingredient

Request Date:

New Ingredient

Received Date:

Form A: ☐

Signature Date:

Form B: ☐

Signature Date:

Receipt Content

Des

Paper Label

View/Edit





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

June 2, 2011

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

GARY GAUMER  
PRESERVE INTERNATIONAL  
PO Box 17003  
RENO, NV 89511-

PRODUCT NAME: SYNERGIZE  
COMPANY NAME: PRESERVE INTERNATIONAL  
OPP IDENTIFICATION NUMBER:  
EPA FILE SYMBOL: 66171-7  
EPA RECEIPT DATE: 06/01/11

SUBJECT: RECEIPT OF AMENDMENT

DEAR REGISTRANT:

The Office of Pesticide Programs has received your application for an amendment and it has passed an administrative screen for completeness.

During the initial screen we determined that the application appears to qualify for fast track review. The package will now be forwarded to the Product Manager for review to determine its acceptability for fast track status.

If you have any questions, please contact Antimicrobials Division, Risk Management Team 31, at (703) 308-6233.

Sincerely,

*P. E. Moore*  
Front End Processing Staff  
Information Services Branch  
Information Technology & Resources Management Division



# Fee for Service

{896987v~

This package includes the following

☐ New Registration

☒ Amendment

☐ Studies? ☐ Fee Waiver?

☐ volpay % Reduction: \_\_\_\_

for Division

☒ AD

☐ BPPD

☐ RD

Risk Mgr. 31

Receipt No.

S- 896987

EPA File Symbol/Reg. No.

66171-7

Pin-Punch Date:

6/1/2011

☒ This item is NOT subject to FFS action.

## Action Code:

Requested:

Granted:

Amount Due: \$ \_\_\_\_\_

## Parent/Child Decisions:

☒ Inert Cleared for Intended Use

☐ Uncleared Inert in Product

Reviewer: Team 2

Date: 06-02-2011

Remarks: FQPA 302 label review





Re: Your amendment for 66171-7  
Gary E. Gaumer to: Tracy Lantz

08/17/2011 03:42 PM

1 attachment



CCI00000.pdf

Hello,

Attached is the formulator's exemption.

As to the dilutions for the continuous feed method, let's put a range of 1 - 4 ounces per 100 gallons of water.

Thanks,

GG

On Aug 15, 2011, at 3:49 PM, Lantz.Tracy@epamail.epa.gov wrote:

> We received your amendment at the beginning of June. It is coded as a  
> 307 (120 day review time frame) due to the need to review data  
> compensation.  
> I am still in the process of reviewing your application, but would like  
> to you to make a few corrections at this time. I may have additional  
> comments as I continue to review your information.  
>  
> Please provide a revised formulator's exemption statement. Your current  
> form does not agree with your CSF as it does not list all alternate  
> sources of glutaraldehyde. Please provide a revised form with an  
> original signature. You may scan the form and send it to me via e-mail.  
>  
> Your directions for air washers are not in agreement with FAD 1 which  
> was provided to you previously. Revise the Continuous Feed method,  
> subsequent dose to read as follows: "Maintain this treatment level by  
> starting a continuous feed of \_\_\_\_\_ ounces per \_\_\_\_\_ gallons of  
> water lost to blowdown. Badly fouled systems..." Just provide me with  
> information on the rate to be used in this section. I'll incorporate  
> your correction in to one of the comments in my letter.  
> (Embedded image moved to file: pic31111.jpg)<pic31111.jpg>





**Fw: Your amendment for 66171-7**

**Tracy Lantz** to: Gary E. Gaumer

08/16/2011 09:57 AM

In addition, please provide a certification with respect to citation of data form. Indicate that you are using the selective option. Based on your current matrix you do not need to offer compensation to any other company. Please sign the form and send as a pdf. Thanks

**Tracy Lantz**  
**Regulatory Team 31**  
**Antimicrobials Division**  
**U. S. Environmental Protection Agency**  
**Phone: (703) 308-6415**  
**FAX: (703) 308-8481**

— Forwarded by Tracy Lantz/DC/USEPA/US on 08/16/2011 09:55 AM —

From: Tracy Lantz/DC/USEPA/US  
To: "Gary E. Gaumer" <GEGAUMER@PRESERVEINC.COM>  
Cc: Velma Noble/DC/USEPA/US@EPA  
Date: 08/15/2011 06:49 PM  
Subject: Your amendment for 66171-7

We received your amendment at the beginning of June. It is coded as a 307 (120 day review time frame) due to the need to review data compensation.

I am still in the process of reviewing your application, but would like to you to make a few corrections at this time. I may have additional comments as I continue to review your information.


Please provide a revised formulator's exemption statement. Your current form does not agree with your CSF as it does not list all alternate sources of glutaraldehyde. Please provide a revised form with an original signature. You may scan the form and send it to me via e-mail.

Your directions for air washers are not in agreement with FAD 1 which was provided to your previously. Revise the Continuous Feed method, subsequent dose to read as follows: "Maintain this treatment level by starting a continuous feed of \_\_\_\_\_ ounces per \_\_\_\_\_ gallons of water lost to blowdown. Badly fouled systems..." Just provide me with information on the rate to be used in this section. I'll incorporate your correction in to one of the comments in my letter.

**Tracy Lantz**  
**Regulatory Team 31**  
**Antimicrobials Division**  
**U. S. Environmental Protection Agency**  
**Phone: (703) 308-6415**  
**FAX: (703) 308-8481**





**Your amendment for 66171-7**   
Tracy Lantz to: Gary E. Gaumer  
Cc: Velma Noble

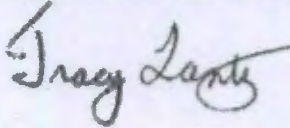
08/15/2011 06:49 PM

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Your directions for air washers are not in agreement with FAD 1 which was provided to your previously. Revise the Continuous Feed method, subsequent dose to read as follows: "Maintain this treatment level by starting a continuous feed of \_\_\_\_\_ ounces per \_\_\_\_\_ gallons of water lost to blowdown. Badly fouled systems..." Just provide me with information on the rate to be used in this section. I'll incorporate your correction in to one of the comments in my letter.



**Tracy Lantz  
Regulatory Team 31  
Antimicrobials Division  
U. S. Environmental Protection Agency  
Phone: (703) 308-6415  
FAX: (703) 308-8481**



**Study Information For  
Product Registration - Section 3  
66171-7**

MRID	Citation	Receipt Date
44433700	Preserve International. (1997) Submission of Product Chemistry and Efficacy Data in Support of the Application for Registration of Synergize Disinfectant. Transmittal of 6 Studies.	24-Nov-1997
44433701	Gaumer, G. (1997) Product Chemistry: Synergize: Lab Project Number: PI-SYN-01-97: Unpublished study prepared by Preserve International. 69 p.	24-Nov-1997
44433702	Juntunen, K. (1997) Synergize: Selected Physical and Chemical Characteristics: Lab Project Number: 97-005. Unpublished study prepared by DiverseyLever. 22 p.	24-Nov-1997
44433703	Mason, M. (1997) Synergize: Preliminary Analysis and Precision of Analytical Method Used to Validate Certified Limits: Final Report. Unpublished study prepared by Mason Chemical Co. 5 p.	24-Nov-1997
44433704	Bell, J. (1997) Synergize: Preliminary Analysis and Precision of Analytical Method Used to Validate Certified Limits: Final Report. Unpublished study prepared by Barrow-Agee Labs, Inc. 7 p.	24-Nov-1997
44433705	Gammon, R. (1997) AOAC Disinfectant Testing of Synergize in the Presence of 5% Blood Serum and 1000 PPM Calcium Carbonate Hard Water: Lab Project Number: 97-04. Unpublished study prepared by Presque Isle Cultures. 32 p.	24-Nov-1997
44433706	Gammon, R. (1997) AOAC Disinfectant Testing of Synergize in the Presence of 5% Blood Serum and 1000 PPM Calcium Carbonate Hard Water: Addendum: Lab Project Number: 97-04. Unpublished study prepared by Presque Isle Cultures. 29 p.	24-Nov-1997
44569500	Preserve International (1998) Submission of Toxicity Data in Support of the Application for Registration of Synergize. Transmittal of 6 Studies.	29-May-1998
44569501	Cerven, D. (1997) Single Dose Oral Toxicity in Rats/LD 50 in Rats: (Synergize): Lab Project Number: MB 97-5770.01: 67-04. Unpublished study prepared by MB Research Labs., Inc. 15 p.	29-May-1998
44569502	Cerven, D. (1997) Acute Dermal Toxicity in Rabbits/LD 50 in Rabbits: (Synergize): Lab Project Number: MB 97-5770.02: 175-04. Unpublished study prepared by MB Research Labs., Inc. 14 p.	29-May-1998
44569503	Kieffer, L. (1997) Primary Dermal Irritation in Rabbits: (Synergize): Lab Project Number: MB 97-5770.03: 166-05. Unpublished study prepared by MB Research Labs., Inc. 11 p.	29-May-1998
44569504	Cerven, D. (1997) Primary Eye Irritation/Corrosion in Rabbits: (Synergize): Lab Project Number: MB 97-5770.04: 236-04. Unpublished study prepared by	29-May-1998



	MB Research Labs., Inc. 13 p.	
44569505	Cerven, D. (1997) Acute Inhalation Toxicity in Rats/LC 50 in Rats: (Synergize): Lab Project Number: MB 97-5770.05: 318-10. Unpublished study prepared by MB Research Labs., Inc. 38 p.	29-May-1998
44569506	Hoff, T. (1997) Delayed Contact Dermal Sensitization Test--Buehler Method: (Synergize): Lab Project Number: MB 97-5770.06: 112B-03. Unpublished study prepared by MB Research Labs., Inc. 17 p.	29-May-1998
45147100	Preserve International (2000) Submission of Efficacy Data in Support of the Application for Registration of Synergize. Transmittal of 1 Study.	16-Jun-2000
45147101	Gammon, R. (1997) A.O.A.C. Fungicidal Product Test: Preserve International, Synergize: Lab Project Number: 97-3. Unpublished study prepared by Presque Isle Cultures Report. 23 p.	16-Jun-2000
46391300	Preserve International (2004) Submission of Efficacy Data in Support of the Registration of Synergize. Transmittal of 1 Study.	18-Oct-2004
46391301	Miller, M. (2004) Virucidal Efficacy of Disinfectants for Use on Inanimate Environmental Surfaces: Porcine Respiratory & Reproductive Syndrome Virus: Synergize: Final Study Report. Project Number: PRE08061404/PRRS, A02359. Unpublished study prepared by ATS Labs. 14 p.	18-Oct-2004
46770300	Preserve International (2006) Submission of Product Chemistry Data in Support of the Amended Registration of Synergize. Transmittal of 2 Studies.	27-Feb-2006
46770301	Miller, M. (2006) Virucidal Efficacy of Disinfectants for Use on Inanimate Environmental Surfaces: Synergize: Avian Influenza A (H3N2) Virus (Avian Reassortant): Final Study. Project Number: A03539, PRE08110705/AFLU/2. Unpublished study prepared by ATS Labs. 15 p.	27-Feb-2006
46770302	Jeske, A. (2006) AOAC Use-Dilution Method: Escherichia coli (F-18) - Clinical Isolate (F-18): Synergize: Final Study. Project Number: A03572, PRE08122205/UD. Unpublished study prepared by ATS Labs. 15 p.	27-Feb-2006
46908800	Preserve International (2006) Submission of Efficacy Data in Support of the Amended Registration of Synergize. Transmittal of 1 Study.	28-Jul-2006
46908801	Blaszak, L. (2006) Virucidal Effectiveness Test; Post Weaning Multisystemic Wasting Syndrome (Porcine circovirus Type 2): Final Report. Project Number: 366/107, 366/1/05/09/06. Unpublished study prepared by MicroBioTest, Inc. 22 p.	28-Jul-2006
Total Rows: 23		





United States  
Environmental Protection Agency  
Washington, DC 20460  
**Formulator's Exemption Statement**  
(40 CFR 152.85)

Applicant's Name and Address  
Preserve International  
PO Box 17003  
Reno, NV 89511

EPA File Symbol/Registration Number  
66171-7

Product Name  
Synergize

Date of Confidential Statement of Formula (EPA Form 8570-4)  
9/11/03

As an authorized representative of the applicant for registration of the product identified above, I certify that:

(1) This product contains the following active ingredient(s):

Alkyl (C12 67%, C14 25%, C16 7%, C18 1%) dimethyl benzyl ammonium chloride  
Glutaraldehyde

(2) Of these, each active ingredient listed in paragraph (4) is present solely as the result of the use of that active ingredient in the manufacturing, formulation or repackaging another product which contains that active ingredient which is registered under FIFRA Section 3, is purchased by us from another person and meets the requirements of 40 CFR section 158.50(e)(2) or (3).

(3) Indicate by checking (A) or (B) below which paragraph applies:

☐ (A) An accurate Confidential Statement of Formula (EPA FORM 8570-4) for the above identified product is attached to this statement. That formula statement indicates, by company name, registration number, and product name, the source of the active ingredient(s) listed in paragraph (1).

OR

☒ (B) The Confidential Statement of Formula (CSF)(EPA Form 8570-4) referenced above and on file with the EPA is complete, current, and accurate and contains the information required on the current CSF.

(4) The following active ingredients in this product qualify for the formulator's exemption.

Source

Active Ingredient  
Alkyl (C12 67%, C14 25%, C16 7%, C18 1%) dimethyl benzyl ammonium chloride

Glutaraldehyde

Product Name

Registration Number

Signature

Name and Title  
Gary E. Gaumer, President

Date  
August 17, 2011

EPA Form 8570-27 (Rev. 06-2004)

Copy 1 - EPA  
Copy 2 - Applicant copy





**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**1200 Pennsylvania Avenue, N.W.**  
**WASHINGTON, D.C. 20460**

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**Certification with Respect to Citation of Data**

Applicant's/Registrant's Name, Address, and Telephone Number  
 Preserve International, PO Box 17003, Reno, NV 89511

EPA Registration Number/File Symbol  
 66171-7

Active Ingredient(s) and/or representative test compound(s)

Alkyl (C12 67%, C14 25%, C16 7%, C18 1%) dimethyl benzyl ammonium chloride, Glutaraldehyde

Date

August 17, 2011

General Use Pattern(s) (list all those claimed for this product using 40 CFR Part 158)

Farm, Indoor non-food, animal, cooling and processed water

Product Name

Synergize

**NOTE:** If your product is a 100% repackaging of another purchased EPA-registered product labeled for all the same uses on your label, you do not need to submit this form. You must submit the Formulator's Exemption Statement (EPA Form 8570-27).

☐ I am responding to a Data-Call-In Notice, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

**SECTION I: METHOD OF DATA SUPPORT (Check one method only)**

☐ I am using the cite-all method of support, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

☒ I am using the selective method of support (or cite-all option under the selective method), and have included with this form a completed list of data requirements (the Data Matrix form must be used).

**SECTION II: GENERAL OFFER TO PAY**

[Required if using the cite-all method or when using the cite-all option under the selective method to satisfy one or more data requirements]

☐ I hereby offer and agree to pay compensation, to other persons, with regard to the approval of this application, to the extent required by FIFRA.

**SECTION III: CERTIFICATION**

I certify that this application for registration, this form for reregistration, or this Data-Call-In response is supported by all data submitted or cited in the application for registration, the form for reregistration, or the Data-Call-In response. In addition, if the cite-all option or cite-all option under the selective method is indicated in Section I, this application is supported by all data in the Agency's files that (1) concern the properties or effects of this product or an identical or substantially similar product, or one or more of the ingredients in this product; and (2) is a type of data that would be required to be submitted under the data requirements in effect on the date of approval of this application if the application sought the initial registration of a product of identical or similar composition and uses.

I certify that for each exclusive use study cited in support of this registration or reregistration, that I am the original data submitter or that I have obtained the written permission of the original data submitter to cite that study.

I certify that for each study cited in support of this registration or reregistration that is not an exclusive use study, either: (a) I am the original data submitter; (b) I have obtained the permission of the original data submitter to use the study in support of this application; (c) all periods of eligibility for compensation have expired for the study; (d) the study is in the public literature; or (e) I have notified in writing the company that submitted the study and have offered (i) to pay compensation to the extent required by sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA; and (ii) to commence negotiations to determine the amount and terms of compensation, if any, to be paid for the use of the study.

I certify that in all instances where an offer of compensation is required, copies of all offers to pay compensation and evidence of their delivery in accordance with sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA are available and will be submitted to the Agency upon request. Should I fail to produce such evidence to the Agency upon request, I understand that the Agency may initiate action to deny, cancel or suspend the registration of my product in conformity with FIFRA.

I certify that the statements I have made on this form and all attachments to it are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature

Date

8/17/11

Typed or Printed Name and Title

Gary E. Gaumer, President





**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**401 M Street, S.W.**  
**WASHINGTON, D.C. 20460**

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**Certification with Respect to Citation of Data**

Applicant's/Registrant's Name, Address, and Telephone Number Preserve International, PO Box 17003, Reno, NV 89511	EPA Registration Number/File Symbol 66171-7
Active Ingredient(s) and/or representative test compound(s) Alkyl (C12 67%, C14 25%, C16 7%, C18 1%) dimethyl benzyl ammonium chloride, Glutaraldehyde	Date May 25, 2011
General Use Pattern(s) (list all those claimed for this product using 40 CFR Part 158) Farm, Indoor non-food, animal, cooling and processed water treatment	Product Name Synergize

**NOTE:** If your product is a 100% repackaging of another purchased EPA-registered product labeled for all the same uses on your label, you do not need to submit this form. You must submit the Formulator's Exemption Statement (EPA Form 8570-27).

☐ I am responding to a Data-Call-In Notice, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

**SECTION I: METHOD OF DATA SUPPORT** (Check one method only)

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☒ I am using the selective method of support (or cite-all option under the selective method), and have included with this form a completed list of data requirements (the Data Matrix form must be used).

**SECTION II: GENERAL OFFER TO PAY**

[Required if using the cite-all method or when using the cite-all option under the selective method to satisfy one or more data requirements]

☐ I hereby offer and agree to pay compensation, to other persons, with regard to the approval of this application, to the extent required by FIFRA.

**SECTION III: CERTIFICATION**

I certify that this application for registration, this form for reregistration, or this Data-Call-In response is supported by all data submitted or cited in the application for registration, the form for reregistration, or the Data-Call-In response. In addition, if the cite-all option or cite-all option under the selective method is indicated in Section I, this application is supported by all data in the Agency's files that (1) concern the properties or effects of this product or an identical or substantially similar product, or one or more of the ingredients in this product; and (2) is a type of data that would be required to be submitted under the data requirements in effect on the date of approval of this application if the application sought the initial registration of a product of identical or similar composition and uses.

I certify that for each exclusive use study cited in support of this registration or reregistration, that I am the original data submitter or that I have obtained the written permission of the original data submitter to cite that study.

I certify that for each study cited in support of this registration or reregistration that is not an exclusive use study, either: (a) I am the original data submitter; (b) I have obtained the permission of the original data submitter to use the study in support of this application; (c) all periods of eligibility for compensation have expired for the study; (d) the study is in the public literature; or (e) I have notified in writing the company that submitted the study and have offered (i) to pay compensation to the extent required by sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA; and (ii) to commence negotiations to determine the amount and terms of compensation, if any, to be paid for the use of the study.

I certify that in all instances where an offer of compensation is required, copies of all offers to pay compensation and evidence of their delivery in accordance with sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA are available and will be submitted to the Agency upon request. Should I fail to produce such evidence to the Agency upon request, I understand that the Agency may initiate action to deny, cancel or suspend the registration of my product in conformity with FIFRA.

I certify that the statements I have made on this form and all attachments to it are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature 	Date 5/17/11	Typed or Printed Name and Title Gary E. Gaumer, President
---------------	-----------------	--





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date May 24, 2011		EPA Reg No./File Symbol 66171-7		Page 1 of 3	
Applicant's/Registrant's Name & Address Preserve International, PO Box 17003, Reno, NV 89511		Product Synergize			
Ingredient Alkyl dimethyl benzyl ammonium chloride, Glutaraldehyde					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	Submission of Product Chemistry and Efficacy Data	44433700	Preserve International	Own	
	in support of the application for registration of Synergize				
	Disinfectant.				
61-1	Product Identity & Disclosure of Ingredients	44433701 /	Preserve International 1997	Own	
61-2	Product Identity - Beginning Materials & Mfg. Process	44433701 /	Preserve International	Own	
61-3	Product Identity - Discussion of Formation of Impurities	44433701 /	Preserve International	Own	
62-2	Analysis of Ingredients - Certification of Limits	44433701 /	Preserve International	Own	
63-0	Reports of Multiple Physical/Chemical Characteristics	44433701 /	Preserve International	Own	
63-0	Selected Physical Characteristics	44433702 /	Preserve International	Own	
62-1	Analysis of Ingredients-Preliminary Analysis of Product	44433703 /	Preserve International	Own	
62-3	Analysis of Ingredients-Analytical Method to Verify Limits	44433703 /	Preserve International	Own	
62-1	Analysis of Ingredients-Preliminary Analysis of Product	44433704 /	Preserve International	Own	
62-3	Analysis of Ingredients-Analytical Method to Verify Limits	44433704 /	Preserve International	Own	
	AOAC Disinfectant Testing (Efficacy)	44433705 /	Preserve International	Own	
	AOAC Disinfectant Testing (Efficacy)-Addendum 1		Preserve International	Own	
Signature			Name and Title Gary E. Gaumer, President		Date May 24, 2011





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

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DATA MATRIX

Date May 24, 2011

EPA Reg No./File Symbol 66171-7

Page 2 of 3

Applicant's/Registrant's Name & Address

3

Product

Synergize

Ingredient Alkyl dimethyl benzyl ammonium chloride, Glutaraldehyde

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	Toxicity Data Submission Cover Sheet	44569500	Preserve International	Own	
81-1	Acute Tox & Irritation - Acute Oral Toxicity	44569501 ✓	Preserve International 1998 ✓	Own	
81-2	Acute Tox & Irritation - Acute Dermal Toxicity	44569502 ✓	Preserve International ✓	Own	
81-5	Acute Tox & Irritation - Primary Dermal Irritation	44569503 ✓	Preserve International ✓	Own	
81-4	Acute Tox & Irritation - Primary Eye Irritation	44569504 ✓	Preserve International ✓	Own	
81-3	Acute Tox & Irritation - Acute Inhalation Toxicity	44569505 ✓	Preserve International ✓	Own	
81-6	Acute Tox & Irritation - Dermal Sensitization	44569506 ✓	Preserve International ✓	Own	
	Fungicidal Data Submission Cover Sheet	45147100	Preserve International	Own	
	AOAC Fungicidal Product Test - Efficacy Data	45147101 ✓	Preserve International ✓	Own	
	Porcine Respiratory & Reproductive Cover Sheet	46391300	Preserve International	Own	
	Porcine Respiratory & Reproductive Syndrome Virus Data	46391301 ✓	Preserve International 2004 ✓	Own	
	Avian Influenza A (H3N2) Virus Cover Sheet	46770300	Preserve International	Own	
	Avian Influenza A (H3N2) Virus Data	46770301 ✓	Preserve International 2006 ✓	Own	
	Escherichia coli (F18) Cover Sheet	46770300	Preserve International	Own	
	Escherichia coli (F18) Data	46770302 ✓	Preserve International 2006 ✓	Own	
Signature			Name and Title Gary E. Gaumer, President		Date 5/24/11



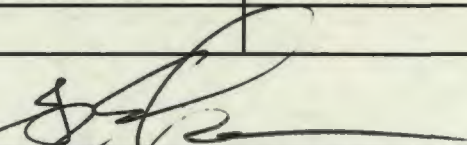


UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

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DATA MATRIX

Date May 24, 2011		EPA Reg No./File Symbol 66171-7		Page 3 of 3	
Applicant's/Registrant's Name & Address Preserve International, PO Box 17003, Reno, NV 89511		Product Synergize			
Ingredient Alkyl dimethyl benzyl ammonium chloride, Glutaraldehyde					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	Porcine circovirus Type 2 Cover Letter	46908800	Preserve International	Own	
	Porcine circovirus Type 2 Data	46908801 ✓	Preserve International 2006	Own	
Signature 			Name and Title Gary E. Gaumer, President		Date 5/24/14



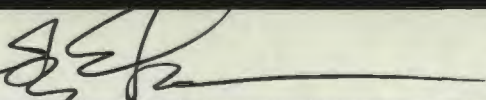


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DATA MATRIX

Date May 24, 2011		EPA Reg No./File Symbol 66171-7		Page 1 of 3	
Applicant's/Registrant's Name & Address		Product			
Preserve International, PO Box 17003, Reno, NV 89511		Synergize			
Ingredient Alkyl dimethyl benzyl ammonium chloride, Glutaraldehyde					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Preserve International	Own	
			Preserve International	Own	
			Preserve International	Own	
			Preserve International	Own	
			Preserve International	Own	
			Preserve International	Own	
			Preserve International	Own	
			Preserve International	Own	
			Preserve International	Own	
			Preserve International	Own	
			Preserve International	Own	
			Preserve International	Own	
			Preserve International	Own	
Signature 		Name and Title		Date	
		Gary E. Gaumer, President		May 24, 2011	





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DATA MATRIX

Date May 24, 2011

EPA Reg No./File Symbol 66171-7

Page 2 of 3

Applicant's/Registrant's Name & Address

Product

3

Synergize

Ingredient Alkyl dimethyl benzyl ammonium chloride, Glutaraldehyde

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Preserve International	Own	
			Preserve International	Own	
			Preserve International	Own	
			Preserve International	Own	
			Preserve International	Own	
			Preserve International	Own	
			Preserve International	Own	
			Preserve International	Own	
			Preserve International	Own	
			Preserve International	Own	
			Preserve International	Own	
			Preserve International	Own	
			Preserve International	Own	
			Preserve International	Own	
			Preserve International	Own	

Signature

Name and Title

Gary E. Gaumer, President

Date

5/24/11





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
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WASHINGTON, D.C. 20460

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DATA MATRIX

Date May 24, 2011		EPA Reg No./File Symbol 66171-7		Page 3 of 3	
Applicant's/Registrant's Name & Address		Product			
Preserve International, PO Box 17003, Reno, NV 89511		Synergize			
Ingredient Alkyl dimethyl benzyl ammonium chloride, Glutaraldehyde					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Preserve International	Own	
			Preserve International	Own	
Signature			Name and Title		Date
			Gary E. Gaumer, President		





**World Headquarters** P.O. Box 17003, Reno, NV 89511 • Bus: (775) 853-9776 • Fax: (775) 406-3413 • USA: (800) 995-1607  
**Tennessee Operation** 1213 Empire Avenue, Memphis, TN 38107 • Bus: (901) 272-0031 • Fax: (901) 726-6446  
**California Operation** 1355 Paulson Road, Turlock, CA 95380 • Bus: (209) 664-1607 • Fax: (209) 664-1728

May 25, 2011

Ms. Velma Noble  
Office of Pesticides Programs (7504C)  
United States Environmental Protection Agency (AMEND)  
Ariel Rios Building  
1200 Pennsylvania Avenue, N.W.  
Washington, DC 20460

Dear Ms. Noble:

Preserve International is submitting amendment documents, for our product Synergize, EPA Registration Number 66171-7:

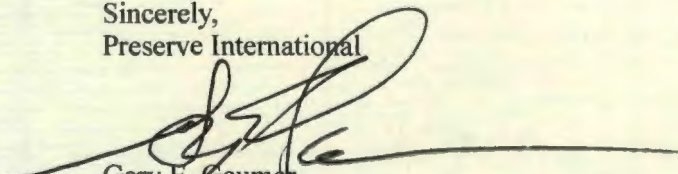
- 1 Addition of directions for use: AIR WASHERS AND INDUSTRIAL SCRUBBING SYSTEMS / RECIRCULATING COOLING AND PROCESS WATER SYSTEMS.
- 2 Addition of Canine parvovirus and associated directions for use in: VETERINARY PRACTICE (CLINICS)/ANIMAL CARE FACILITIES/ ANIMAL LABORATORY/ANIMAL LIFE SCIENCE LABORATORY/ ANIMAL RESEARCH CENTERS/ANIMAL QUARANTINE AREAS/ZOOS/ PET SHOP/KENNELS/ANIMAL HUSBANDRY/ANIMAL BREEDING FACILITIES/BREEDING AND GROOMING ESTABLISHMENT/TACK SHOPS DISINFECTION DIRECTIONS. Since Canine parvovirus is not a crossover virus, we have not submitted this data; however, we do have the data in our file if the EPA should ever desire us to submit it for their review.

We have included the required: 1) USEPA Form 8570-1, Application for Pesticide, 2) Formulator's Exemption for both active ingredients, 3) Certification with respect to citation of data, 4) Data matrix and 5) six copies of the proposed labeling.

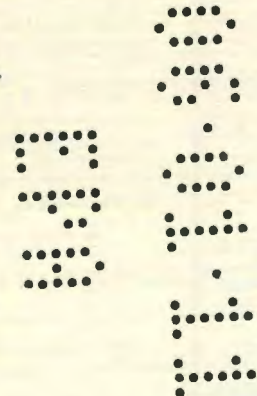
If I may be of further assistance, please feel free to contact me at 775-853-9776.

Thank you for your time and consideration.

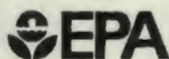
Sincerely,  
Preserve International



Gary E. Gaumer  
President







United States  
Environmental Protection Agency  
Washington, DC 20460

☐ Registration  
☒ Amendment  
☐ Other

OPP Identifier Number

## Application for Pesticide - Section I

1. Company/Product Number 66171-7	2. EPA Product Manager Noble	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) SYNERGIZE	PM# 31	
5. Name and Address of Applicant (Include ZIP Code) Presente International PO Box 17003 Reno NV 89511 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____

## Section - II

<input checked="" type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Addition of directions for use for: VETERINARY PRACTICE (CLINICS)/ANIMAL CARE FACILITIES/ANIMAL LABORATORY/ANIMAL LIFE SCIENCE LABORATORY/ANIMAL RESEARCH CENTERS/ANIMAL QUARANTINE AREAS/ZOOS/PET SHOP/KENNELS/ANIMAL HUSBANDRY/ANIMAL BREEDING FACILITIES/BREEDING AND GROOMING ESTABLISHMENT/TACK SHOPS and AIR WASHERS AND INDUSTRIAL SCRUBBING SYSTEMS / RECIRCULATING COOLING AND PROCESS WATER SYSTEMS.

## Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 275g,250g,55g,30g,15g,5g,4x1g		5. Location of Label Directions <input checked="" type="checkbox"/> On Label	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input checked="" type="checkbox"/> Stenciled		<input checked="" type="checkbox"/> Other Sleeve			

## Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Gary E. Gaumer		Title President		Telephone No. (Include Area Code) 500-879-9220 775-853-9776	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					6. Date Application Received (Stamped)
2. Signature 		3. Title President			
4. Typed Name Gary E. Gaumer		5. Date May 16, 2011			



# Material Sent for Data Extraction

Reg # 66171-7

Description: \_\_\_\_\_

☐ Material(s) Sent to Data Extraction Contractors:

☐ New Stamped Label Dated \_\_\_\_\_

☒ Notification Dated \_\_\_\_\_

☐ New CSF(s) Dated \_\_\_\_\_

☐ Other: \_\_\_\_\_

☐ Decision #: \_\_\_\_\_

☐ Other Action/Comments: \_\_\_\_\_

Attach this coversheet to the top of the material or jacket. It must be well organized and clipped together, NOT STAPLED. Then give the material with this coversheet to staff in the Information Services Center (Room S-4900).

Reviewer: <sup>Cletis</sup> Mixon PM Team 31

Phone: 703 308 8032 Division: AD

Date: 6/24/11



Date Reviewed: 7-1-11  
Reviewed By: JMD/MDNUNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460United States  
Environmental Protection  
AgencyOffice of Pesticide ProgramsGary E. Gaumer,  
Preserve International,  
P.O. Box 17003,  
Reno, NV 89511

JUL 1 - 2011

Subject: Synergize  
EPA Registration No.: 66171-7  
Notification Date: May 27, 2011  
EPA Receipt Date: June 01, 2011  
Submission #: 897610

Dear Mr. Gaumer,

This letter acknowledges receipt of your notification submitted under the provision of FIFRA section 3(c)9 and PR Notice 98-10.

**Proposed notification request for alternative brand name:**

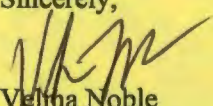
- Alternative brand name: "Champion".

**General Comments**

Based on a review of the submitted materials your notification of a request for an alternative brand name for your product, "Synergy", is acceptable.

Should you have any questions or comments concerning this letter, please contact Velma Noble at (703) 308-6233 or Jamil Mixon at (703) 308-8032.

Sincerely,

  
Velma Noble  
Product Manager -31  
Regulatory Management Branch  
Antimicrobials Division (7510P)

## CONCURRENCES

SYMBOL							
SURNAME							
DATE							





United States  
Environmental Protection Agency  
Washington, DC 20460

☐ Registration  
☐ Amendment  
☒ Other

OPP Identifier Number

### Application for Pesticide - Section I

1. Company/Product Number 66171-7	2. EPA Product Manager 31	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Synergize	PM# Noble	
5. Name and Address of Applicant (Include ZIP Code) Preserve International PO Box 17003 Reno, NV 89511 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

### Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)  
Preserve International hereby submits this notification for alternate brand name for Synergize. The alternate name we desire is: Companion.

### Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal	
* Certification must be submitted	If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container		<input type="checkbox"/> Plastic	
				<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify)	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 8 oz; 16 oz; 32 oz; 64 oz; 128 oz; 256 oz; 512 oz; 1024 oz; 2048 oz; 4096 oz; 8192 oz; 16384 oz; 32768 oz; 65536 oz; 131072 oz; 262144 oz; 524288 oz; 1048576 oz; 2097152 oz; 4194304 oz; 8388608 oz; 16777216 oz; 33554432 oz; 67108864 oz; 134217728 oz; 268435456 oz; 536870912 oz; 1073741824 oz; 2147483648 oz; 4294967296 oz; 8589934592 oz; 17179869184 oz; 34359738368 oz; 68719476736 oz; 137438953472 oz; 274877906944 oz; 549755813888 oz; 1099511627776 oz; 2199023255552 oz; 4398046511104 oz; 8796093022208 oz; 17592186044416 oz; 35184372088832 oz; 70368744177664 oz; 140737488355328 oz; 281474976710656 oz; 562949953421312 oz; 1125899906842624 oz; 2251799813685248 oz; 4503599627370496 oz; 9007199254740992 oz; 18014398509481984 oz; 36028797018963968 oz; 72057594037927936 oz; 144115188075855872 oz; 288230376151711744 oz; 576460752303423488 oz; 1152921504606846976 oz; 2305843009213693952 oz; 4611686018427387904 oz; 9223372036854775808 oz; 18446744073709551616 oz; 36893488147419103232 oz; 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49039857307708443467467104868809893875799651909875269632 oz; 98079714615416886934934209737619787751599303819750539264 oz; 196159429230833773869868419475239575503198607639501078528 oz; 392318858461667547739736838950479151006397215279002157056 oz; 784637716923335095479473677900958302012794430558004314112 oz; 1569275433846670190958947355801916604025588861116008628224 oz; 3138550867693340381917894711603833208051177722232017256448 oz; 6277101735386680763835789423207666416102355444464034512896 oz; 12554203470773361527671578846415332832204710888928069025792 oz; 25108406941546723055343157692830665664409421777856138051584 oz; 50216813883093446110686315385661331328818843555712276103168 oz; 100433627766186892221372630771322662657637687111424552206336 oz; 200867255532373784442745261542645325315275374222849104412672 oz; 401734511064747568885490523085290650630550748445698208825344 oz; 803469022129495137770981046170581301261101496891396417650688 oz; 1606938044258990275541962092341162602522202993782792835301376 oz; 3213876088517980551083924184682325205044405987565585670602752 oz; 6427752177035961102167848369364650410088811975131171341205504 oz; 12855504354071922204335696738729300820177623950262342682411008 oz; 25711008708143844408671393477458601640355247900524685364822016 oz; 51422017416287688817342786954917203280710495801049370729644032 oz; 102844034832575377634685573909834406561420991602098741459288064 oz; 205688069665150755269371147819668813122841983204197482918576128 oz; 411376139330301510538742295639337626245683966408394965837152256 oz; 822752278660603021077484591278675252491367932816789931674304512 oz; 1645504557321206042154969182557350504982735865633579863348609024 oz; 3291009114642412084309938365114701009965471731267159726697218048 oz; 6582018229284824168619876730229402019930943462534319453394436096 oz; 13164036458569648337239753460458804039861886925068638906788872192 oz; 26328072917139296674479506920917608079723773850137277813577744384 oz; 52656145834278593348959013841835216159447547700274555627155488768 oz; 105312291668557186697918027683670432318895095400549111254310977536 oz; 210624583337114373395836055367340864637790190801098222508621955072 oz; 421249166674228746791672110734681729275580381602196445017243910144 oz; 842498333348457493583344221469363458551160763204392890034487820288 oz; 1684996666696914987166688442938726917102321526408785780068975640576 oz; 3369993333393829974333376885877453834204643052817571560137951281152 oz; 6739986666787659948666753771754907668409286105635143120275902562304 oz; 13479973333575319897333507543509815336818572211270286240551805124608 oz; 26959946667150639794667015087019630673637144422540572481103610249216 oz; 53919893334301279589334030174039261347274288845081144962207220498432 oz; 107839786668602559178668060348078522694548577690162289924414440996864 oz; 215679573337205118357336120696157045389097155380324579848828881993728 oz; 431359146674410236714672241392314090778194310760649159697657763987456 oz; 862718293348820473429344482784628181556388621521298319395315527974912 oz; 1725436586697640946858688965569256363112777243042596638790631055949824 oz; 3450873173395281893717377931138512726225554486085193277581262111899648 oz; 6901746346790563787434755862277025452451108972170386555162524223799296 oz; 13803492693581127574869511724554050904902217944340773110325048447598592 oz; 27606985387162255149739023449108101809804435888681546220650096895197184 oz; 55213970774324510299478046898216203619608871777363092441300193790394368 oz; 110427941548649020598956093796432407239217743554726184882600387580788736 oz; 220855883097298041197912187592864814478435487109452369765200775161577472 oz; 441711766194596082395824375185729628956870974218904739530401550323154944 oz; 883423532389192164791648750371459257913741948437809479060803100646309888 oz; 1766847064778384329583297500742918515827483896875618958121606201292619776 oz; 3533694129556768659166595001485837031654967793751237916243212402585239552 oz; 7067388259113537318333190002971674063309935587502475832486424805170479104 oz; 14134776518227074636666380005943348126619871175004951664972849610340958208 oz; 28269553036454149273332760011886696253239742350009903329945699220681916416 oz; 56539106072908298546665520023773392506479484700019806659891398441363832832 oz; 113078212145816597093331040047546785012958969400039613319782796882727665664 oz; 226156424291633194186662080095093570025917938800079226639565593765455331328 oz; 452312848583266388373324160190187140051835877600158453279131187530910662656 oz; 904625697166532776746648320380374280103671755200316906558262375061821325312 oz; 1809251394333065553493296640760748560207343510400633813116524750123642650624 oz; 3618502788666131106986593281521497120414687020801267626233049500247285301248 oz; 7237005577332262213973186563042994240829374041602535252466099000494570602496 oz; 14474011154664524427946373126085988481658748083205070504932198000989141204992 oz; 28948022309329048855892746252171976963317496166410141009864396001978282409984 oz; 57896044618658097711785492504343953926634992332820282019728792003956564819968 oz; 115792089237316195423570985008687907853269984665640564039457584007913129639936 oz; 231584178474632390847141970017375815706539969331281128078915168015826259279872 oz; 463168356949264781694283940034751631413079938662562256157830336031652518559744 oz; 9263			



Receipt for Section 3

S: 897017

Resubmission: ☐ Yes ☒ No

Regulatory Type: Product Registration - Section 3

Fee For Service: ☐ Yes ☒ No

Application Type: Notification

Company: 66171 PRESERVE INTERNATIONAL ☒

Risk Manager: Antimicrobials Division, Risk Management Team 31

Product #: 66171-7 Product Name: SYNERGIZE

Override#:

Me Too Section3: Me Too Product Name:

Application Date: 27-May-2011 ☒

OPP Rec'd Date: 01-Jun-2011 ☒

Front End Date: 01-Jun-2011 ☒

Risk Manager Send Date: 01-Jun-2011 ☒

FFS Due Date:

Negotiated Due Date:

OPP Target Date:

Fast Track: ☐

New Ingredient: ☐

Receipt Description:

Notification for alternate brand name for synergize

New Ingredient Request Date:

New Ingredient Received Date:

Signature Date:

Form A: ☐ Signature Date:

Form B: ☐

Signature Date:

Print Letter

Enter More Information

Tracking

Receipt Content

Des

Other Notification for alternate

View/Edit



# Material Sent for Data Extraction

Reg # 66171-2

Description: \_\_\_\_\_

☒ Material(s) Sent to Data Extraction Contractors:

☐ New Stamped Label Dated \_\_\_\_\_

☐ Notification Dated \_\_\_\_\_

☒ New CSF(s) Dated \_\_\_\_\_

☐ Other: \_\_\_\_\_

☐ Decision #: \_\_\_\_\_

☐ Other Action/Comments: \_\_\_\_\_

\_\_\_\_\_

Attach this coversheet to the top of the material or jacket. It must be well organized and clipped together, NOT STAPLED. Then give the material with this coversheet to staff in the Information Services Center (Room S-4900).

Reviewer: E. O'Gaughan L. L.

Phone: 347-8199 Division: AD

Date: 05.10.11.



Gary E. Gaumer  
Preserve International  
P.O. Box 3135  
Turlock, CA 95381

MAY 10 2011

SUBJECT: Synergize  
EPA Registration Number: 66171-7  
Application Dated: December 28, 2010  
Receipt Dated: January 4, 2011

Dear Ms. Holcombe:

The following amendment, submitted under the provisions of section 3 (c) 9 the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended is acceptable.

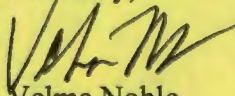
- Submission of Alternate Formulations.

The proposed Confidential Statements of Formulas (CSFs) dated 11/22/2010, for alternate formulations are acceptable. For details see attached associated chemistry review.

#### General Comments

This letter supersedes the letter dated March, 31, 2011. Should you have any questions concerning this letter, please contact Emilia Oiguenblik at (703) 347-0109 or Velma Noble at (703) 308-6233.

Sincerely,



Velma Noble  
Product Manager (31)  
Regulatory Management Branch I  
Antimicrobials Division (7510P)

#### CONCURRENCES

SYMBOL							
SURNAME							
DATE							



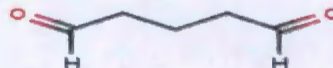


UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND  
TOXIC SUBSTANCES

May 03, 2011.

DP BARCODE: D385357 (REVISED)  
MRID: N/A  
SUBJECT: Synergize  
REG. NO. OR FILE SYMBOL 66171-7  
DOCUMENT TYPE: Product Chemistry Review  
Manufacturing-use ☐ OR End-use Product ☒  
INGREDIENTS (PC Codes) Alkyl dimethyl benzyl ammonium chloride (069175)  
Glutaraldehyde (043901)



CAS Number: 68391-01-5, 111-30-8.  
TEST LAB: N/A  
SUBMITTER: Preserve International  
GUIDELINE: N/A  
COMMODITIES: Formulation  
REVIEWER: Salvador Rodríguez  
ORGANIZATION: AD  
APPROVER: Karen P. Hicks  
REVISED DATE: 05/03/11.





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF  
PREVENTION,  
PESTICIDES AND TOXIC  
SUBSTANCES

May 03, 2011.

**MEMORANDUM**

**Subject:** Product Chemistry Review for EPA Reg # 66171-7

**From:** Salvador Rodríguez, Chemist  
Product Science Branch, CT Team  
Antimicrobials Division (7510P)

**Thru:** Karen P. Hicks, CT Team Leader  
Product Science Branch  
Antimicrobials Division (7510P)

**To:** Velma Noble/ Tracy Lantz  
PM Team 31  
Antimicrobials Division (7510P)

**APPLICANT:** Preserve International.

**Action code:** 362

**Due date:** 04/04/11.

**Product Formulation  
Active Ingredient(s)**

**% by wt.**

Alkyl dimethyl benzyl ammonium chloride .....26.00

Glutaraldehyde.....7.00



## BACKGROUND:

The registrant, Preserve International, has submitted the CSFs for the alternate formulation (synergize-orange) and (synergize-orange-NF), for the disinfectant, fungicide and virucide non-integrated end-use product, **Synergize**. The registrant is adding a new fragrance to the formulation. Product Chemistry Reviewer has received the following documents:

- A letter dated, 12/28/10.
- Confidential Statements of Formula (CSFs) dated 11/22/10, for alternate (synergize orange) and (synergize-orange-NF) formulations.
- Confidential Statement of Formula (CSF), dated 09/11/03, for the basic formulation.

## FINDINGS:

1. The CSFs, dated 11/22/10, for alternate formulations are revised.
2. The CSF and the label have the same nominal.
3. All certified limits meet the EPA standard certified limits.
4. The registrant used the CAS number [REDACTED] for the solvent. The correct CAS number is [REDACTED]. See recommendations.
5. The registrant used the CAS number 11-30-8 for one of the active ingredients (AI). The correct CAS number is 111-30-8
6. The registrant used the CAS number 68391-05-5 for one of the active ingredients (AI). The correct CAS number is 68391-01-5

## CONCLUSIONS:

The CSFs, dated 11/22/10, for the alternate (synergize-orange) and (synergize-orange-NF), formulations are acceptable. The proposed technical amendment meets the EPA Guidelines.

## RECOMMENDATIONS:

The registrant must correct the CAS numbers for both of the active ingredients (AIs), and for the solvent. See findings 4, 5 & 6.



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Gary E. Gaumer  
 Preserve International  
 P.O. Box 3135  
 Turlock, CA 95381

MAR 31 2011

Subject: Synergize  
 EPA Registration No.: 66171-7  
 Amendment Dated: December 28, 2010  
 EPA Receipt Date: January 4, 2011

Dear Mr. Gaumer,

This letter acknowledges receipt of the amendment identified above submitted under the provisions of the Federal Insecticide, Fungicide, and Rodenticide Act (FIRRA), as amended.

- Submission of Alternate Formulations

Based on a review of the submitted information this amendment is unacceptable due to the concerns listed below. You have submitted two alternate Confidential Statements of Formulations (CSFs) dated 11/22/10. A number deficiencies have been identified.

- 1) Correct the CAS number of the active ingredient [REDACTED] to read: 68391-01-5.
- 2) Correct the CAS number of the active ingredient Glutaraldehyde to read: 111-30-8.
- 3) The perfume: [REDACTED] has only been used as an active ingredient. Submit information for clearance as a new non-food inert ingredient. The following website provides guidance on this process: <http://www.epa.gov/opprd001/inerts/>

Please find the chemistry review attached. Submit the requested inert information and revised CSFs addressing the issues noted above. Should you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,

*Tracy Lantz*  
 for Velma Noble.

Product Manager (31).  
 Regulatory management Branch I.  
 Antimicrobials Division (7510P)

Enclosures: DERD385357

7510P: T. Lantz: 3/31/11: 66171-7d unaccept CSF and		CONCURRENCES					
SYMBOL	7510P						
SURNAME	<i>T. Lantz</i>						
DATE	3/31/11						



# DATA PACKAGE BEAN SHEET

Date: 06-Jan-2011

Page 1 of 1

Decision #: 443869

DP #: (385357)

NON PRIA

Parent DP #:

Submission #: 888459

## \*\*\* Registration Information \*\*\*

Registration: **66171-7 - SYNERGIZE**

Company: 66171 - PRESERVE INTERNATIONAL

Risk Manager: RM 31 - Velma Noble - (703) 308-6233 Room# PY1 S-8855

Risk Manager Reviewer: Tracy Lantz TLANTZ

Sent Date: 06-Jan-2011

Calculated Due Date: 04-Apr-2011

Edited Due Date: \_\_\_\_\_

Type of Registration: Product Registration - Section 3

Action Desc: (362) FORMULA CHANGE; TECHNICAL;

Ingredients: 043901, Glutaraldehyde(7%)

069175, Alkyl\* dimethyl benzyl ammonium chloride \*(67%C12, 25%C14, 7%C16, 1%C18)(26%)

## \*\*\* Data Package Information \*\*\*

Expedite: ☐ Yes ☒ No

Date Sent: 06-Jan-2011

Due Back: \_\_\_\_\_

DP Ingredient: 043901, Glutaraldehyde

069175, Alkyl\* dimethyl benzyl ammonium chloride \*(67%C12, 25%C14, 7%C16, 1%C18)

DP Title: \_\_\_\_\_

CSF Included: ☐ Yes ☒ No

Label Included: ☐ Yes ☒ No

Parent DP #: \_\_\_\_\_

### Assigned To

Date In

Date Out

Organization: AD / PSB

Last Possible Science Due Date: 18-Feb-2011

Team Name: CTT

Science Due Date: 2/18/11

Reviewer Name: Salvador

Sub Data Package Due Date: 3/7/11

Contractor Name: \_\_\_\_\_

## \*\*\* Studies Sent for Review \*\*\*

No Studies

## \*\*\* Additional Data Package for this Decision \*\*\*

No Additional Data Packages

## \*\*\* Data Package Instructions \*\*\*

Registrant has submitted CSF to be reviewed.

Please pull label + packet

RECEIVED  
1/6/11





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND  
TOXIC SUBSTANCES

February 03, 2011.

DP BARCODE: D385357

MRID: N/A

SUBJECT: **Synergize**

REG. NO. OR FILE SYMBOL 66171-7

DOCUMENT TYPE: Product Chemistry Review

Manufacturing-use ☐ OR End-use Product ☒

INGREDIENTS (PC Codes) Alkyl dimethyl benzyl ammonium chloride (069175)  
Glutaraldehyde (043901)

O=CCCC=O

CAS Number: 68391-01-5, 111-30-8.

TEST LAB: N/A

SUBMITTER: Preserve International

GUIDELINE: N/A

COMMODITIES: Formulation

REVIEWER: Salvador Rodríguez

ORGANIZATION: AD

APPROVER: Karen P. Hicks

APPROVED DATE: 02/03/11.





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF  
PREVENTION,  
PESTICIDES AND TOXIC  
SUBSTANCES

February 03, 2011.

**MEMORANDUM**

**Subject:** Product Chemistry Review for EPA Reg # 66171-7

**From:** Salvador Rodríguez, Chemist  
Product Science Branch, CT Team  
Antimicrobials Division (7510P)

**Thru:** Karen P. Hicks, CT Team Leader  
Product Science Branch  
Antimicrobials Division (7510P)

**To:** Velma Noble/ Tracy Lantz  
PM Team 31  
Antimicrobials Division (7510P)

**APPLICANT:** Preserve International.

**Action code:** 362

**Due date:** 04/04/11.

**Product Formulation  
Active Ingredient(s)**

**% by wt.**

Alkyl dimethyl benzyl ammonium chloride .....26.00

Glutaraldehyde.....7.00

**BACKGROUND:**

66171-7\_D385357\_PreserveInternational



## BACKGROUND:

The registrant, Preserve International, has submitted the CSFs for the alternate formulation (synergize-orange) and (synergize-orange-NF), for the disinfectant, fungicide and virucide non-integrated end-use product, **Synergize**. The registrant is adding a new fragrance to the formulation. Product Chemistry Reviewer has received the following documents:

- A letter dated, 12/28/10.
- Confidential Statements of Formula (CSFs) dated on 11/22/10, for alternate (synergize orange) and (synergize-orange-NF) formulations.
- Confidential Statement of Formula (CSF), dated 09/11/03, for the basic formulation.

## FINDINGS:

1. The CSFs, dated 11/22/10, for alternate formulations are revised.
2. The CSF and the label have the same nominal.
3. All certified limits meet the EPA standard certified limits.
4. This perfume ( [REDACTED] ) has been only used as an active ingredient (AI). Please see Recommendation section
5. The registrant used the CAS number 11-30-8 for one of the active ingredients (AI). The correct CAS number is 111-30-8
6. The registrant used the CAS number 68391-05-5 for one of the active ingredients (AI). The correct CAS number is 68391-01-5

## CONCLUSIONS:

The CSFs, dated 11/22/10, for the alternate (synergize-orange) and (synergize-orange-NF), formulations are not acceptable. The proposed technical amendment is not acceptable.

## RECOMMENDATIONS:

- 1) The registrant must correct the CAS numbers for both of the active ingredients (AIs). See findings 5 & 6.
- 2) This perfume has been only used as an active ingredient (AI). The information on preparing a new non-food inert ingredient request can be accessed here:  
<http://www.epa.gov/opprd/001/inerts/>





**World Headquarters** 1355 Paulson Road, Turlock, CA 95380 • Bus: (209) 664-1607 • Fax: (209) 664-1728 • USA: (800) 995-1607

**Tennessee Operation** 1213 Empire Avenue, Memphis, TN 38107 • Bus: (901) 272-0031 • Fax: (901) 726-6446  
December 28, 2010

Ms. Velma Noble  
Office of Pesticides Programs (7504C)  
United States Environmental Protection Agency (AMEND)  
Ariel Rios Building  
1200 Pennsylvania Avenue, N.W.  
Washington, DC 20460

Dear Ms. Noble:

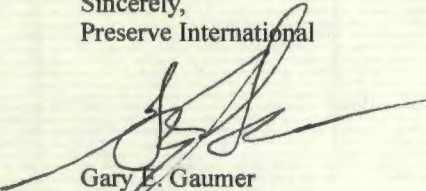
Preserve International has received your December 20, 2010 letter in which you request several revisions to our recently submitted alternate formula requests for identifiers: Synergize-orange, and Synergize-orange-nf)

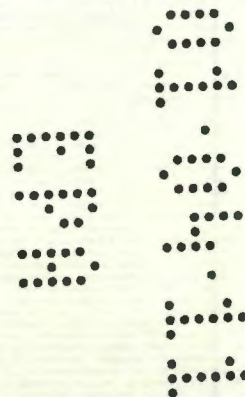
Please find the revisions attached to this cover letter.

If I may be of further assistance, please feel free to contact me at 775-853-9776.

Thank you for your time and consideration.

Sincerely,  
Preserve International

  
Gary E. Gaumer  
President





Gary E. Gaumer  
 Preserve International  
 P.O. Box 17003  
 Reno, NV 89511

DEC 30 2010

Subject: Synergize  
 EPA Registration No.: 66171-7  
 Amendment Date: September 1, 2010  
 EPA Receipt Date: September 10, 2010

Dear Mr. Gaumer,

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), section 3 (C) (7) (A) as amended, is unacceptable due to the concerns listed below:

- Adding directions for air washers, industrial scrubbing systems, recirculating cooling and process water systems

#### Deficiencies

The addition of the sites identified above are new uses (industrial water treatment) for this product. These uses differ significantly from the currently approved uses on this label. Although these uses are not new for either of the active ingredients in your product and seem to fall within the range of previously accepted dosage rates for this use, these uses are new for this product and thus data compensation is required.

Although you were originally contacted regarding this concern on 12/9/10, we have not received the necessary data compensation forms at this time. These forms must be submitted in order for the Agency to approve these uses. Please refer to our previous e-mail messages. Should you need additional information on data compensation, please see the Agency Blue Book at: <http://www.epa.gov/pesticides/bluebook/>

CONCURRENCES							
SYMBOL	7510P						
SURNAME	32 days						
DATE	12/30/10						



Other Concerns

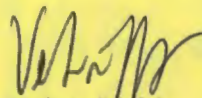
In addition, revise the label to include the following changes:

- 1) Revise the "Poultry House and Livestock Buildings" directions along with the associated "Note" to be in agreement with PR Notice 2000-5 which indicates the need for mandatory statements in the directions for use. The use of the word "should" is not acceptable.
- 2) Revise the "Air washers, Industrial Scrubbing Systems, Recirculating Cooling and Process Water Systems" directions to be in agreement with PR Notice 2000-5 which indicates the need for mandatory statements in the directions for use. The use of the words "may" and "may be" are not acceptable. In addition, refer to the enclosed FAD-1 for guidance as to the type of information that is required in this section and revise your label accordingly.
- 3) Revise your label to make clear that fogging for Hatchery Rooms, Incubators and Hatchers, Poultry Houses and Livestock Buildings is only to be used as an adjunct treatment by deleting the statement: "Fogging is to be used as an adjunct to acceptable manual cleaning and disinfecting of room surfaces." Replace with the following statement: *"All surfaces must be cleaned and disinfected in accordance with label directions prior to fogging. Fogging is an adjunct or supplement to normal cleaning and disinfection procedures and practices."*
- 4) As per the Agency letter of 3/30/10 propose revised Container Handling directions which are in agreement with a product such as yours with claims for public health pests. The container rinsate should not be emptied into the application equipment as this would produce an unknown dilution that would not be efficacious. The rinsate should be disposed of as pesticide waste.

General Comments

Please include a copy of this letter with your revised amendment. Should you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,



Velma Noble  
Product Manager (31)  
Regulatory Management Branch I  
Antimicrobials Division (7510P)

Enclosures: Agency e-mail of 12/9/10, FAD-1  
7510P:T.Lantz:12/30/2010:66171-7k

CONCURRENCES

SYMBOL								
SURNAME								
DATE								



**RISK ASSIGNMENT FORM**  
Antimicrobial Division/Regulatory Management Branch II

<b>A</b>	Completed by Product Manager						
PRODUCT REVIEWER: <i>Tracy</i>						RMB <u>  1  </u> TEAM <u>  31  </u>	
Description of Action: <i>Label Amendment</i>						EPA File Symbol/Reg No. <i>66171-7</i>	
Decision No. <i>440203</i>		Submission No. <i>881916</i>			Fee for Service Action Code:		
FQPA Action Code: <i>307</i>		Non-FQPA Action Code:			PRIA FEE AMOUNT: \$		
		MONTH	DAY	YEAR			
APPLICATION DATE		<i>9</i>	<i>1</i>	2010			
EPA PIN DATE		<i>9</i>	<i>10</i>	2010			
DATE PM RECEIVED FROM FRONT END				2010			
Date sent to Reviewer				2010			
DATE SENT TO SCIENCE				2010			
DATE RECEIVED FROM SCIENCE							
<del>PRIA</del> DUE DATE		<i>1</i>	<i>8</i>	<i>2011</i>	NEGOTIATED DUE DATE		
Type of Data:	PSB Product Chemistry	PSB Acute Toxicology	PSB Efficacy	RASSB Environmental Fate	RASSB Ecological Effects	RASSB Chronic Toxicology	RASSB Exposure/Residue
<p>COMMENTS: <i>Needs data comp! last stamped 6/24/09</i></p> <p><i>Label Amendment - Give to Tracy compare to Agency letter of 3/30/10</i></p> <p><i>Does this need data comp??</i></p>							
<p>ATTACHMENTS: <input checked="" type="checkbox"/> -LABELING    <input type="checkbox"/> -CSF(S)    <input type="checkbox"/> -DATA    <input type="checkbox"/> -OTHERS</p>							
DATE FEE PAID:				RESPONSE CODE: _____		RESPONSE DATE: _____	

*43901*  
*69175*

*70%*  
*26%*

*How does rate compare? Either*  
*(307) or*  
*new use PRIA*



# Fee for Service

{881916<~

This package includes the following

- ☐ New Registration
- ☒ Amendment

- ☐ Studies?      ☐ Fee Waiver?
- ☐ volpay    % Reduction: \_\_\_\_

for Division

- ☒ AD
- ☐ BPPD
- ☐ RD

Risk Mgr. 31

Receipt No.

S-

881916

EPA File Symbol/Reg. No.

66171-7

Pin-Punch Date:

9/10/2010



This item is NOT subject to FFS action.

## Action Code:

Requested:

Granted:

Amount Due: \$ \_\_\_\_\_

## Parent/Child Decisions:

☒ Inert Cleared for Intended Use

☐ Uncleared Inert in Product

Reviewer: Team 3

Date: 09/10/10

Remarks:



## DESCRIPTION

SYNERGIZE is a multi-purpose disinfectant-cleaner. SYNERGIZE provides a broad spectrum kill of gram negative and gram positive microorganisms. SYNERGIZE provides effective disinfecting and cleaning in one operation. SYNERGIZE is effective in warm, soft or hard water (as much as 1000 ppm CaCO<sub>3</sub>) and performs especially well in areas containing 5% serum.

SYNERGIZE is for use on glazed ceramic and tile surfaces, stainless steel, aluminum, chrome, galvanized metal, tin, brass, zinc, glass, hard non-porous treated wood, polyethylene, polypropylene, PVC (polyvinyl chloride), vinyl, sealed fiberglass, viton, ethylene propylene, nitrile, acrylic and polyurethane.

## DIRECTIONS FOR USE:

It is in violation of Federal Law to use this product in a manner inconsistent with its labeling. Registered for disinfecting and cleaning hard non-porous surfaces. Not for use on feed, food or litter.

SYNERGIZE cleaner-disinfectant is specifically formulated for industrial use in the following Animal and Poultry Housing facilities: Turkey, Breeder, Grow Out, Fryer, Layer, Hatcheries and Swine Producing Facilities as well as the following equipment in these facilities: Waterers, Feeders, Hauling Equipment, Dressing Plants, Loading Equipment, Farrowing Barns, Nurseries, Blocks, Creep Areas, and Chutes. This product is also for use in Farm Premise, Equine Facilities, Veal Barns, Ratite Facilities (Ostrich, Emu and Rhea Facilities), Calf Pens and associated Farm Vehicles.

## USE DIRECTIONS:

To disinfect and clean hard non-porous surfaces of walls, floors, tables, sinks, refrigerator exteriors, telephone booths and garbage cans in non-animal areas associated with the sites noted above. Apply a solution of 1/2 ounce SYNERGIZE per gallon water (dilute 1:256) to precleaned surfaces. Apply with cloth, sponge, mop or mechanical coarse spray device, making sure all surfaces are wetted thoroughly. Allow surfaces to remain wet for 10 minutes. All surfaces must be rinsed with clean water and allowed to dry before reuse.

**BOOT/SHOE WASH:** To prevent cross contamination into animal areas, shoe baths containing one inch of freshly made disinfecting solution should be placed at all entrances to building. Scrape waterproof shoes or boots and place in a 1/2 ounce SYNERGIZE per gallon water solution. Allow the solution to come in contact with the boot/shoe for 10 minutes. Change the disinfecting solution when solution becomes visibly dirty.

**VEHICLES:** To disinfect the non-porous, hard surfaces of vehicles use a solution of 1/2 ounce SYNERGIZE per gallon of water. Apply using a high pressure or coarse spray system. Leave all treated surfaces exposed to solution for 10 minutes, or more and allow to air dry. All treated surfaces that will contact feed or drinking water must be thoroughly scrubbed with soap or detergent then rinsed with potable water before reuse.

## DIRECTIONS FOR USE IN SWINE PRODUCING FACILITIES:

- 1) Remove all animals and feed from the premises, vehicles and enclosures.
- 2) Empty all troughs, racks, and other feeding and watering appliances.
- 3) Remove all gross soil, bedding, manure, caked on dirt, spider webs, etc. from walls to ceilings of barns, pens, stalls, chutes, and other facilities occupied or traversed by hogs or other animals.
- 4) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 5) Thoroughly saturate all surfaces with a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256), using conventional spraying methods.
- 6) Allow all treated areas to remain in contact with this solution for at least 10 minutes.
- 7) Immerse equipment used in handling and restraining animals, forks, shovels, and scrapers used for removing manure in SYNERGIZE at a dilution of 1:256. Allow to remain in contact for at least 10 minutes.
- 8) Ventilate buildings, and other closed spaces. Do not house swine or other livestock until treatment has been absorbed, set, or dried.
- 9) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

## DIRECTIONS FOR USE IN FARM PREMISES, EQUINE FACILITIES, VEAL BARN, RATITE FACILITIES, CALF PENS AND VEHICLES:

- 1) Do not use in milking stalls, milking parlors, or milk houses.
- 2) Remove all animals and feed from the premises, vehicles, and enclosures.
- 3) Remove all gross soil, bedding, manure, caked on dirt, spider webs, etc. from floors, surfaces, and from walls to ceiling of barns, pens, stalls, chutes, and other facilities occupied or traversed by hogs or other animals.
- 4) Empty all troughs, racks, and other feeding and watering appliances.
- 5) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 6) Thoroughly saturate all surfaces with a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256), using conventional spraying methods. Allow to remain in contact with this solution for at least 10 minutes.

Manufactured by:

**PRESERVE**  
INTERNATIONAL

Reno, NV 89511 • (800) 995-1607 • [www.preserveinternational.com](http://www.preserveinternational.com)

Page 1 of 2

# SYNERGIZE

## CLEANER - DISINFECTANT

STAPHYLOCIDAL / PSEUDOMONACIDAL  
SALMONELLACIDAL / ASPERGILLOCIDAL / VIROCIDAL\*  
FUNGICIDAL / DEODORANT

Synergize cleaner-disinfectant is specifically formulated for industrial use in the following Animal and Poultry Housing facilities: Turkey, Breeder, Grow Out, Fryer, Layer, Hatcheries and Swine Producing Facilities as well as the following equipment in these facilities: Waterers, Feeders, Hauling Equipment, Loading Equipment, Farrowing Barns, Nurseries, Blocks, Creep Areas, and Chutes. This product is also for use in Farm Premise, Equine Facilities, Veal Barns, Ratite Facilities (Ostrich, Emu and Rhea Facilities), Calf Pens and associated Farm Vehicles.

## Active Ingredients:

Alkyl (C12 67%, C14 25%, C16 1%) dimethyl benzyl ammonium chloride.....	28.00%
Glutaraldehyde.....	7.00%
Inert Ingredients.....	67.00%
TOTAL.....	100.00%

## KEEP OUT OF REACH OF CHILDREN DANGER

### SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

See First Aid statement and additional precautions on side panel

- 7) Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels and scrapers used for removing manure in a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256). Allow to remain in contact for 10 minutes.
- 8) Ventilate buildings, cars, boats, coops and other closed spaces. Do not house poultry or livestock or employ equipment until treatment has been absorbed, set or dried.
- 9) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

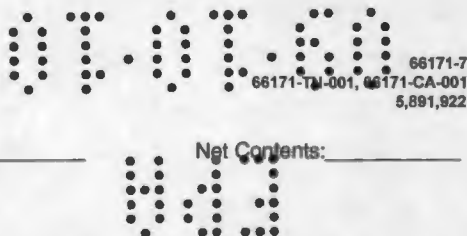
## DIRECTIONS FOR USE IN POULTRY HOUSE:

- 1) Remove all poultry and feeds from premises, trucks, coops, and crates.
- 2) Remove all litter and droppings from floors, walls and surfaces of facilities occupied or traversed by poultry.
- 3) Empty all troughs, racks, and other feeding and watering appliances.
- 4) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 5) Saturate surfaces with 1/2 ounce SYNERGIZE per gallon water (dilute 1:256) for a period of 10 minutes.
- 6) Ventilate building, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set, or dried.
- 7) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

EPA Reg. No.  
EPA Est.  
Patent Number:

Batch No: \_\_\_\_\_

Net Contents: \_\_\_\_\_



## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed, by storage and disposal.

## PESTICIDE STORAGE:

Store away from heat. Do not transfer to another container. Do not reuse empty container.

## PESTICIDE DISPOSAL:

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instruction, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**Container Handling:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available, or offer for reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

(For greater than 5 gallons) Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Dispose of rinsate as noted in the pesticide disposal section. Repeat this procedure two more times. (For 5 gallons or less) Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Dispose of rinsate as noted in the pesticide disposal section. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

**General:** Consult Federal, State or local disposal authorities for approved alternate procedures.

## PRECAUTIONARY STATEMENTS

Hazards to humans and domestic animals

## DANGER

**KEEP OUT OF REACH OF CHILDREN.** Corrosive. Causes irreversible eye damage and skin burns. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Do not breathe spray mist. Wear goggles or face shield. Wear a dust/mist/filtering respirator (MSHA/NIOSH approval number prefix TC-21C) or a NIOSH approved respirator with any N, P, R, or HE prefilter. Wear protective clothing and rubber gloves. Prolonged or frequent repeated skin contact may cause allergic reaction in some individuals. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish aquatic invertebrates, oysters, and shrimp. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other water unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

## FIRST AID

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing; rinse skin immediately with plenty of water for 15-20 minutes; call a poison control center or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible; call a poison control center or doctor for further treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice; have person sip a glass of water if able to swallow; do not induce vomiting unless told to do so by the poison control center or doctor; do not give anything by mouth to an unconscious person.

**HOT LINE NUMBER:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1 (800) 255-3924 for emergency medical treatment information. For information on this pesticide (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1 (800) 858-7378.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.



# SYNERGIZE

## HATCHERY ROOMS, INCUBATORS, AND HATCHERS, POULTRY HOUSES AND LIVESTOCK BUILDINGS BY FOGGING:

Fogging is to be used as an adjunct prior to acceptable manual cleaning and disinfecting of room surfaces. Fogging is not used as a sanitizing treatment. Close room off so fog is confined to room to be treated. Wear a dust mist respirator when mixing the use solution and pouring it into the fogging apparatus.

### A) HATCHERY ROOMS:

Remove all animals and feed from premises, vehicles and enclosures. Close room off so fog is confined to room to be treated. Prepare a stock solution of one (1) part SYNERGIZE to four (4) parts water (25 Fluid ounces SYNERGIZE to 100 fluid ounces water). Insert the nozzle of the fogging device through a suitable opening in be room. With the setting on maximum output, fog 125 fluid ounces for each 1000 cubic yards. Do not allow people to breathe or contact the fog or to enter the room until the fog has completely settled or exhausted. Normally this is 1-4 hours in this environment.

### B) INCUBATORS AND HATCHERS:

Only for treatment of setters and hatchers after poultry / chicks / eggs have been removed. Not for treatment of hatchers which contain chicks / eggs. Prepare a stock solution of one (1) part SYNERGIZE to four (4) parts water. Fog three (3) ounces per 100 cubic feet of this fogging solution into setters and hatchers immediately after transfer. Repeat daily. Discontinue Hatcher treatments approximately 24 hours before pulling the hatch. Do not allow people to contact or breathe this fog and do not enter machines until the fog has settled (30-60 minutes after fogging is completed). To do this, install permanent fogging nozzles in setters and hatchers and use an air compressor to disperse the sanitizing solution as a fog. It is also satisfactory to fog setters and hatchers with a 1:1000 solution of SYNERGIZE. If this is done, fog for 30-90 seconds once per hour or once every two hours.

### C) POULTRY HOUSES AND LIVESTOCK BUILDINGS:

After the house has been depopulated and cleaned as in "Directions for use in farm premises, equine facilities, veal barns, ratite facilities, calf pens and vehicles, double check to be sure all people, poultry, livestock and pets have vacated the building. Close all windows, doors, curtains, etc. making the house as closed as possible. Prepare a stock solution of one (1) part SYNERGIZE to four (4) parts water (25 fluid ounces SYNERGIZE to 100 fluid ounces water). Insert the nozzle of the fogging device through a suitable opening in the room. With the setting on maximum output, fog 125 fluid ounces for each 1000 cubic yards. The Fogger itself may be placed just inside the door of the building to be treated, or the nozzle of the fogger may be inserted through a suitable opening in the door or building. The opening should be just large enough to accommodate the nozzle. After fogging, the building should be kept closed for twenty-four (24) hours. After twenty-four (24) hours, the fog should have settled and the house can now be opened and aired. The house should be opened for a minimum of twenty-four (24) hours before it is repopulated with poultry or livestock.

**NOTE:** The generated fog is very irritating to eyes, skin, and mucous membranes. Under no circumstances should a room or building be entered by anyone until the fog has completely settled. A reentry time of two (2) hours is required. If the building or room must be entered, then the individuals entering the building or room must wear a self contained respirator approved by NIOSH/MSH, goggles, long sleeve shirt and pants. If feeders and waterers were not removed from the premises during treatment, or were not adequately covered to prevent contact with the treatment, they should be washed with detergent and water before use for poultry or livestock.

## AIR WASHERS AND INDUSTRIAL SCRUBBING SYSTEMS / RECIRCULATING COOLING AND PROCESS WATER SYSTEMS

This product may only be used in industrial air washers and air washer systems which have mist-eliminating components.

SYNERGIZE should be added at the application rates described below to a water treatment system at a convenient point of uniform mixing such as a basin area. Addition may be made intermittently (Slug Dose) or continuously. Badly fouled systems can be shock treated with SYNERGIZE. Under these conditions, blowdown should be discontinued for up to 24 hours.

SYNERGIZE can be used in industrial process water systems that contain ultra filtration units and non-medical reverse osmosis membranes (Where approved for compatibility by the membrane manufacturer) and associated distribution systems.

### Intermittent (Slug Dose) Method

**Initial Dose:** When the system is noticeably fouled, apply 2.0 to 4.0 ounces of SYNERGIZE per 100 gallons of water in the system. Repeat until control is achieved.

**Subsequent Dose:** When microbial control is evident, add 1.0 to 3.0 fluid ounces of SYNERGIZE per 100 gallons of water in the system weekly, or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

### Continuous Feed Method

**Initial Dose:** When the system is noticeably fouled, apply 2.0 to 4.0 ounces of SYNERGIZE per 100 gallons of water in the system. Repeat until control is achieved.

**Subsequent Dose:** When microbial control is evident, add 1.0 to 3.0 fluid ounces of SYNERGIZE per 100 gallons of water in the system weekly, or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

Staphylococcus aureus A.T.C.C. 6538  
Pseudomonas aeruginosa A.T.C.C. 15442  
Salmonella enterica A.T.C.C. 10708  
Aspergillus fumigatus A.T.C.C. 36607  
Porcine Respiratory & Reproductive Syndrome Virus (PRRS)  
Avian Influenza (H3N2)  
Escherichia Coli F18  
Porcine circovirus Type 2

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INTERNATIONAL  
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Page 2 of 2

01.01.00

01.01.00

### DOT SHIPPING NAME

Corrosive Liquid, Acidic,  
Inorganic, n.o.s.  
(Phosphoric Acid), 8, UN3264, PG III



464-700

4/1/2010

1/12

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

APR 1 2010



**Office of Pesticide Programs**

The Dow Chemical Company  
1803 Building  
Midland, Mi 48674

*for preserve product*

Attention: Rhonda Vance-Moeser  
Senior Regulatory Specialist

**Subject: GLUTEX™ GQ1 Sanitizer and Disinfectant**  
EPA Registration No. 464-700  
Amendment Dated December 10, 2009

The amendment, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable.

**Proposed Amendment**

1. Change the primary product name
2. Alternate brand name
3. Add a disinfectant claim
4. Delete the egg sanitization claim
5. Revise label language in response to the RED

**General Comment**

The request to change the alternate brand name from UCARCIDE™ 14 Antimicrobial to "GLUTEX™ GQ1 Sanitizer and Disinfectant" is acceptable.

A stamped copy of the "accepted" label and Efficacy Review is enclosed for your records.

If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely

Marshall Swindell  
Product Manager (33)  
Regulatory Management Branch 1  
Antimicrobials Division (7510P)

Enclosure



## GLUTEX™ GQ1 Sanitizer and Disinfectant

Active Ingredient: Glutaraldehyde.....14.0%  
Alkyl (C<sub>14</sub> 50%, C<sub>12</sub> 40%, C<sub>16</sub> 10%)..... 2.5%  
dimethyl benzyl ammonium chloride  
Inert Ingredients: ..... 83.5%  
Total 100%

EPA Reg. No. 464-700

EPA Est. No. 10352-WV-2<sup>(A)</sup>; 464-WV-1<sup>(B)</sup> 10352-WV-1<sup>(C)</sup>

(A) 5 gallon pails in pallets; all drums, bulk  
(B) Sample, 5 gallon pails less than full pallet  
(C) Bulk Shipments

ACCEPTED  
with COMMENTS  
EPA Letter Dated:

APR - 1 2010

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide  
registered under EPA Reg. No. 464-700

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER**

Corrosive • Causes irreversible eye damage • Causes skin irritation • Harmful if inhaled.  
Harmful if swallowed • Harmful if absorbed through skin • Prolonged or frequently repeated  
skin contact may cause allergic reactions in some individuals • Causes asthmatic signs and  
symptoms in hyper-reactive individuals • Do not get in eyes, on skin, on clothing • Avoid  
breathing vapor • Do not swallow • Wash thoroughly with soap and water after handling •  
Remove contaminated clothing and wash before reuse.

### Personal Protective Equipment

Applicators and other handlers must wear: goggles or face shield, long-sleeve shirt, long pants,  
shoes, socks, chemical-resistant gloves (such as butyl rubber) and chemical resistant apron.

### User Safety Requirements

Follow manufacturers' instructions for cleaning & maintaining PPE if no such instructions exist  
for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

### User Safety Recommendations

Users must wash hands before eating, drinking, chewing gum, or using the toilet.



GLUTEX™ GQ1 Sanitizer and Disinfectant  
FINAL MASTER LABEL  
December, 2009

ACCEPTED  
with COMMENTS  
EPA Letter Dated:  
APR - 1 2010

3  
12

Users must remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users must remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No.

464.700

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish, aquatic invertebrates, oysters and shrimp. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

<b>FIRST AID</b>	
<b>IF SWALLOWED</b>	<ul style="list-style-type: none"> <li>• If the person is fully alert and cooperative, have the person rinse mouth with plenty of water. have the patient drink 4 to 10 ounces (120-300 mL) of water or milk.</li> <li>• Do not induce vomiting. Do not attempt mouth rinse if the person has respiratory distress, altered mental status, or nausea and vomiting.</li> <li>• Call a physician and/or transport to emergency facility immediately. See Note to Physician.</li> </ul>
<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>• Wash immediately and continuously with flowing water for at least 30 minutes.</li> <li>• Remove contact lenses after the first 5 minutes and continue washing. Obtain prompt medical consultation, preferably from an ophthalmologist.</li> <li>• Call a poison control center or a doctor immediately for treatment advice.</li> </ul>
<b>IF ON SKIN OR CLOTHING</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF INHALED</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air</li> <li>• If person is not breathing, call 911 or an ambulance, and then give artificial respiration preferably mouth to mouth if possible.</li> <li>• Call a poison control center or a doctor for further treatment advice</li> </ul>
Have product container or label with you when calling a poison control center or doctor or going for treatment.	
<b>HOT LINE NUMBER</b>	
<b>IN CASE OF AN EMERGENCY</b> endangering life or property involving this product, call collect (989) 636-4400.	
<b>NOTE TO PHYSICIAN:</b> Aspiration may cause lung damage. Probable mucosal damage may contraindicate the use of gastric lavage. Have the product container or label with you when calling a poison control center or a doctor, or going for treatment.	



GLUTEX™ GQ1 Sanitizer and Disinfectant  
FINAL MASTER LABEL  
December, 2009

ACCEPTED  
with COMMENTS  
EPA Letter Dated:

APR - 1 2010

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
commonly known materials  
GLUTEX GQ1 under EPA Reg. No.

464-700

## STORAGE AND HANDLING

GLUTEX GQ1 Sanitizer and Disinfectant is incompatible with many commonly found materials of construction such as steel, galvanized iron, aluminum, tin, and zinc. Sanitizer and Disinfectant can be stored and handled in baked phenolic-lined steel, polyethylene, stainless steel, or reinforced epoxy-plastic equipment. This product freezes at about 27°F (-3°C). Therefore, unless the storage tank is inside or underground, heating and insulation may be required. If heating is needed, exposure to high temperatures should be avoided. For short storage times (up to about 1 month), temperatures of up to 100°F (37.8°C) can be tolerated but the preferred maximum storage temperature is about 80°F (26.7°C).

A stainless steel centrifugal pump is suggested for transfer service. Spiral-wound stainless steel with TEFLON® Polymer is suitable for gaskets and packing.

Handle in a well-ventilated area. If vapors are irritating to the nose or eyes, special ventilation or respiratory protection (MSHA/NIOSH approved air purifying respirator equipped with an organic vapor cartridge) may be required.

The product in its undiluted form must not be used in a spray, fogging or aerosol application.

## STORAGE AND DISPOSAL

**Pesticide Disposal:** Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or your Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

### Container Disposal

#### *Option to use for labels on nonrefillable rigid containers of all sizes*

Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

#### *Option to use for labels on refillable rigid tote containers*

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning of the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean container before final disposal, empty contents into application equipment and triple rinse. Pour or pump rinsate into application equipment or rinsate collection system. Then offer for recycling if available, or puncture and dispose of in sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.



#### **DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

#### **AIR WASHERS AND INDUSTRIAL SCRUBBING SYSTEMS/ RECIRCULATING COOLING AND PROCESS WATER SYSTEMS**

This product may be used only in industrial air washers and air washer systems which have mist-eliminating components.

GLUTEX GQ1 Sanitizer and Disinfectant should be added at the application rates described below to a water treatment system at a convenient point of uniform mixing such as the basin area. Addition may be made intermittently (SLUG DOSE) or continuously. Badly fouled systems can be shock treated with GLUTEX GQ1 Sanitizer and Disinfectant. Under these conditions, blowdown should be discontinued for up to 24 hours.

GLUTEX GQ1 Sanitizer and Disinfectant can be used in industrial process water systems that contain ultra filtration units and non-medical reverse osmosis membranes (where approved for compatibility by the membrane manufacturer) and associated distribution systems.

#### **Intermittent (Slug Dose) Method**

**Initial Dose:** When the system is noticeably fouled, apply 4.2 to 8.5 fluid ounces of GLUTEX GQ1 Sanitizer and Disinfectant per 100 gallons of water in the system. Repeat until control is achieved.

**Subsequent Dose:** When microbial control is evident, add 1.7 to 4.2 fluid ounces of GLUTEX GQ1 Sanitizer and Disinfectant per 100 gallons of water in the system weekly or as needed to maintain control.

Badly fouled systems must be cleaned before treatment is begun.

#### **Continuous Feed Method**

**Initial Dose:** When the system is noticeably fouled, apply 4.2 to 8.5 fluid ounces of GLUTEX GQ1 Sanitizer and Disinfectant per 100 gallons of water in the system.

**Subsequent Dose:** Maintain this treatment level by starting a continuous feed of 0.8 to 4.2 fluid ounces of GLUTEX GQ1 Sanitizer and Disinfectant per 100 gallons of water in the system per day.

Badly fouled systems must be cleaned before treatment is begun.

#### **SERVICE WATER AND AUXILIARY SYSTEMS**

GLUTEX GQ1 Sanitizer and Disinfectant should be used at the same application rates, and in the same manner as described above. It should be added to the system at a point that will allow for uniform mixing throughout the system.

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### HEAT TRANSFER SYSTEMS

(Evaporative Condensers, Dairy Sweetwater Systems, Hydrostatic Sterilizers and Retorts, and Pasteurizers and Warmers)

GLUTEX GQ1 Sanitizer and Disinfectant should be used at the same application rates, and in the same manner as described above. It should be added to the system at a point of uniform mixing such as a basin area, sump area or other reservoir or collecting area from which the treated water will be circulated uniformly throughout the system.

### INDUSTRIAL WASTEWATER SYSTEMS

(Wastewater Systems, Wastewater Sludge and Wastewater Holding Tanks)

GLUTEX GQ1 Sanitizer and Disinfectant should be added to a wastewater system or sludge at a convenient point of uniform mixing such as the digester. Add 200 to 975 fluid ounces (1.6 to 7.6 gallons) (1,600 to 7,600 ppm product) of GLUTEX GQ1 Sanitizer and Disinfectant per 1,000 gallons of wastewater or sludge.

### PAPER MILLS AND PAPER MILL PROCESS WATER SYSTEMS

GLUTEX GQ1 Sanitizer and Disinfectant should be added to the paper making system at a point of uniform mixing such as the beaters, broke chest pump, save-all tank, or white-water tank.

**Initial Dose:** When the system is noticeably contaminated, add 1.5 to 9.0 lbs of GLUTEX GQ1 Sanitizer and Disinfectant per ton or 0.76 to 4.5 Kg of GLUTEX GQ1 Sanitizer and Disinfectant per metric ton of pulp or paper (dry basis) as a slug dose. Repeat until control is achieved. Heavily fouled systems should be boiled out prior to initial treatment.

**Subsequent Dose:** When microbial control is evident, add 0.9 to 6.0 lbs of GLUTEX GQ1 Sanitizer and Disinfectant per ton or 0.46 to 3.0 Kg of GLUTEX GQ1 Sanitizer and Disinfectant per metric ton of pulp or paper (dry basis) as a slug dose as necessary to maintain control.

### WATER BASED COATINGS FOR PAPER AND PAPERBOARD

NOTE: For use in non-food contact coatings only.

Use from 0.3 to 1.8 lbs. of GLUTEX GQ1 Sanitizer and Disinfectant per 1,000 lbs. of dry powder or 0.3 to 1.8 Kg of GLUTEX GQ1 Sanitizer and Disinfectant per metric ton of dry slurry to produce a concentration from 300 to 1,800 ppm as product (based on slurry solids) in the mixed slurry.

ACCEPTED  
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Under the Federal Insecticide,  
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registered under EPA Reg. No. 464-700



GLUTEX™ GQ1 Sanitizer and Disinfectant  
FINAL MASTER LABEL  
December, 2009

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Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the purpose of  
registered under EPA Reg. No. 464-10

### WATER FLOODS

GLUTEX GQ1 Sanitizer and Disinfectant should be added to a water flood system at a point of uniform mixing.

**Initial Treatment:** When the system is noticeably contaminated, add 300 to 15,000 ppm GLUTEX GQ1 Sanitizer and Disinfectant to the system (0.3 to 14.5 gallons GLUTEX GQ1 Sanitizer and Disinfectant per 1,000 gallons flood water). Repeat until control is achieved.

**Subsequent Dose:** When microbial control is evident, add 60 to 15,000 ppm GLUTEX GQ1 Sanitizer and Disinfectant (0.06 to 14.5 gallons) GLUTEX GQ1 Sanitizer and Disinfectant per 1,000 gallons flood water) to the system weekly, or as needed to maintain control.

### FRAC FLUIDS

**Not registered for this use in the State of California**

GLUTEX GQ1 Sanitizer and Disinfectant reduces bacterial contamination and degradation of fracturing fluids and gels used in oil and gas well stimulations. Add GLUTEX GQ1 Sanitizer and Disinfectant to the frac water storage tanks or directly into the well head injection pipeline as the water is being pumped down-hole.

**Dose Range:** GLUTEX GQ1 Sanitizer and Disinfectant should be added at a rate of 360 to 17,900 ppm (3.5 - 172.5 gallons per 10,000 gallons) depending on the degree of bacterial fouling in the source water.

### DRILLING, COMPLETION, AND WORKOVER FLUIDS

GLUTEX GQ1 Sanitizer and Disinfectant should be added to a drilling fluid system at a point of uniform mixing such as the circulating mud tank.

**Initial Treatment:** Add 150 to 3,000 ppm GLUTEX GQ1 Sanitizer and Disinfectant (0.6 to 12.2 gallons GLUTEX GQ1 Sanitizer and Disinfectant per 100 barrels of fluid) to a freshly prepared fluid depending on the severity of contamination.

**Maintenance Dosage:** Maintain a concentration of 150 to 3,000 ppm GLUTEX GQ1 Sanitizer and Disinfectant by adding 0.6 to 12.2 gallons of GLUTEX GQ1 Sanitizer and Disinfectant per 100 barrels of additional fluid, or as needed, depending on the severity of contamination.

### PACKER FLUIDS

GLUTEX GQ1 Sanitizer and Disinfectant should be added to a packer fluid at a point of uniform mixing such as a circulating holding tank. Add 150 to 1,800 ppm GLUTEX GQ1 Sanitizer and Disinfectant (0.6 to 7.3 gallons GLUTEX GQ1 Sanitizer and Disinfectant per 100 barrels of fluid) to a freshly prepared fluid depending on the severity of contamination. Seal the treated packer fluid in the wall between the casing and production tube.

### OIL AND GAS PRODUCTION AND TRANSMISSION PIPELINE SYSTEMS

GLUTEX GQ1 Sanitizer and Disinfectant should be added to an oil/gas production or transmission line via direct injection. The application should be conducted to ensure maximum distribution of GLUTEX GQ1 Sanitizer and Disinfectant throughout the entire internal pipeline surface by adding a sufficient amount of biocide to detect/measure a residual concentration at the back end of the pipeline system. Criteria for success of the treatment will be a reduction in



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**GLUTEX™ GQ1 Sanitizer and Disinfectant**  
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bacterial counts and/or reduced corrosion rates. To facilitate application, it may be desirable to dilute the GLUTEX GQ1 Sanitizer and Disinfectant with an appropriate solvent immediately before use. The concentration in the solvent should not fall below an active concentration range of 500 to 5000 ppm based on the volume of water in the pipeline. Injections to the system should be weekly, or as needed to maintain control.

**GAS STORAGE WELLS AND SYSTEMS**

Individual injection wells should be treated with sufficient quantity of GLUTEX GQ1 Sanitizer and Disinfectant to produce a concentration of 1,500 to 15,000 ppm GLUTEX GQ1 Sanitizer and Disinfectant when diluted by the water present in the formation.

Injection should take place before gas is injected (during the summer). Injections should be repeated yearly, or as needed to maintain control.

Individual drips should be treated with a sufficient quantity of GLUTEX GQ1 Sanitizer and Disinfectant to produce a concentration of 600 to 6,000 ppm GLUTEX GQ1 Sanitizer and Disinfectant when diluted by the water present in the drip. Injections should be repeated yearly, or as needed to maintain control.

**HYDROTESTING**

Water used to hydrotest pipelines or vessels should contain 300 to 12,000 ppm GLUTEX GQ1 Sanitizer and Disinfectant (0.3 to 11.8 gallons GLUTEX GQ1 Sanitizer and Disinfectant per 1,000 gallons water), depending on water quality and length of time the equipment will remain idle.

**PIPELINE PIGGING AND SCRAPING OPERATIONS**

Add GLUTEX GQ1 Sanitizer and Disinfectant to a slug of water immediately following the scraper (ideally this water volume can be kept to a minimum and contained between the scraper and a trailing pig). Sufficient GLUTEX GQ1 Sanitizer and Disinfectant should be added to produce a concentration of 0.3 to 3% (0.29 to 2.9 gallon GLUTEX GQ1 Sanitizer and Disinfectant per 100 gallons water), depending on the length of the pipeline and the severity of biofouling.

**ACCEPTED**  
**with COMMENTS**  
EPA Letter Dated:

APR - 7 2010

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 464-700



**DISINFECTING OR SANITIZING NON-FOOD CONTACT SURFACES, FARM,  
ANIMAL, AND POULTRY HOUSING FACILITIES AND EQUIPMENT**

**Not registered for this use in the State of California**

**DO NOT USE THIS PRODUCT ON FOOD OR FEED**

GLUTEX GQ1 Sanitizer and Disinfectant is suitable for use on a wide variety of surfaces including stainless steel, aluminum, painted concrete, plastic, and glazed tile.

Disinfection

**For disinfection against the following pathogens:** *Klebsiella pneumoniae*, *Escherichia coli*, *Pasturella multocida*, *Salmonella enterica*, *Campylobacter jejuni*, *Clostridium perfringens*, *Haemophilus paragallinarum*, *Mycoplasma hyopneumoniae*, *Mycoplasma gallisepticum*, *Staphylococcus aureus*, *Pseudomonas aeruginosa* and *Salmonella enterica* and **for the following viruses:** *Swine Influenza Virus (H1N1)*, *Porcine parvovirus*, *Avian Infectious Laryngotracheitis Virus* and *Porcine Respiratory Reproductive Syndrome Virus* prepare disinfection solution according to the following:

Disinfection solution preparation:

1. Mix 1 fluid ounce of GLUTEX GQ1 Sanitizer and Disinfectant per gallon of water (8 mls per liter) to produce a solution containing 0.13% total active ingredients.
2. Allow prepared solution to stand on surface for at least 10 minutes, or until thoroughly dried.
3. Fresh solution should be prepared daily or more often if the solution becomes diluted or soiled

Sanitization

**For sanitization against the following pathogens:** *Klebsiella pneumoniae*, *Salmonella choleraesuis*, *Staphylococcus aureus*, and *Pseudomonas aeruginosa* and **for the following viruses:** *Infectious bursal disease*, *Avian influenza (H6N2 and H5N1)*, *SARS-associated coronavirus*, *Porcine circovirus* and **fungus:** *Aspergillus fumigatus*, prepare sanitizing solution according to the following:

Sanitizing solution preparation:

1. Mix 0.45 to 1.8 fluid ounces of GLUTEX GQ1 Sanitizer and Disinfectant per gallon of water (3.5 to 14.1 milliliters per liter) to produce a solution containing 0.06 to 0.24% total active ingredients.
2. For application against *Porcine circovirus*, mix 0.9 to 2.2 fluid ounces of GLUTEX GQ1 Sanitizer and Disinfectant per gallon of water (6.9 to 17.3 milliliters per liter) to produce a solution containing 0.12 to 0.293% total active ingredients.
3. Allow to stand for at least five minutes, or until thoroughly dried.
4. Fresh solution should be prepared daily or more often if the solution becomes diluted or soiled.

ACCEPTED  
with COMMENTS  
EPA Letter Dated:

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Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
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registered under EPA Reg. No. 724-700



GLUTEX™ GQ1 Sanitizer and Disinfectant  
FINAL MASTER LABEL  
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**Farm Equipment and Animal Housing Buildings**

(Poultry & turkey grow-out houses, laying houses, swine production and housing, barns and large animal buildings)

1. Remove all poultry and other animals and feed from the premises. Remove all portable equipment and empty all feeders and water troughs. If not removed, all treated feeders and waterers must be thoroughly rinsed with potable water prior to re-use.
2. Remove all litter and manure from floors and other surfaces.
3. Prepare either disinfection or sanitizing solution depending upon the organisms being treated by mixing the appropriate amount of GLUTEX GQ1 Sanitizer and Disinfectant with water. Refer to solution preparation above.
4. Using suitable commercially available equipment, saturate all surfaces with the prepared solution. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure.
5. Allow to stand for at least 5 minutes for sanitization or 10 minutes for disinfection.
6. Ventilate enclosed spaces.
7. Do not repopulate with poultry or other animals, or use equipment until treatment has been absorbed or dried.

**Hatchers, Setters, and Chick Processing Facilities**

Not for treatment of hatchers which contain chicks/eggs.

1. For disinfection or sanitizing of environmental surfaces prior to introduction of eggs: Remove all animals and feed from premises/vehicles and enclosures. Clean out feathers, fluff, or other debris.
2. Prepare either disinfection or sanitizing solution depending upon the organisms being treated by mixing the appropriate amount of GLUTEX GQ1 Sanitizer and Disinfectant with water. Refer to solution preparation above.
3. Thoroughly saturate all surfaces with the prepared solution. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure.
4. Allow to stand for at least 5 minutes for sanitization or 10 minutes for disinfection.
5. Ventilate thoroughly before reuse.
6. **Note:** for treatment of air and surfaces in high humidity hatchers and setters with water spray cooling: Fog or atomize this solution into setters or hatchers, using appropriate application equipment. Fogging of poultry houses should only be done in such a way that the operator is outside the poultry house when applying the fog. Wait at least 3 hours before re-entry after application
7. **Note:** For treatment of air and surfaces in low humidity hatchers with chilled coil cooling: Fog or atomize this product using appropriate application equipment. Fogging of poultry houses should only be done in such a way that the operator is outside the poultry house when applying the fog. Wait at least 3 hours before re-entry after application.

ACCEPTED  
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EPA Letter Dated:

APR - 1 2010

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registered under EPA Reg. No. 464-700



GLUTEX™ GQ1 Sanitizer and Disinfectant  
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**Trays, Racks, Carts, Chick Boxes, Cages, and other Hard Surfaces:**

1. Remove all filth and heavy debris from surfaces by scraping or washing.
2. Prepare either disinfection or sanitizing solution depending upon the organisms being treated by mixing the appropriate amount of GLUTEX GQ1 Sanitizer and Disinfectant with water Refer to solution preparation above.
3. Apply by spraying or immersion, and allow to drain and air-dry. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure.
4. Allow to stand for at least 5 minutes for sanitization or 10 minutes or for longer for disinfection,
5. Ventilate enclosed spaces.
6. Do not repopulate with poultry or other animals, or use equipment until treatment has been absorbed or dried.

**Trucks and other Vehicles**

1. Remove all filth and heavy debris from surfaces by scraping or washing.
2. Prepare either disinfection or sanitizing solution depending upon the organisms being treated by mixing the appropriate amount of GLUTEX GQ1 Sanitizer and Disinfectant with water Refer to solution preparation above.
3. Apply by spraying or immersion, and allow to air-dry.
4. Allow to stand for at least 5 minutes for sanitization or 10 minutes or for longer for disinfection.
5. Ventilate enclosed spaces.
6. Do not repopulate with poultry or other animals, or use equipment until treatment has been absorbed or dried.

**DISINFECTING OR SANITIZING NON-FOOD CONTACT SURFACES,  
INDUSTRIAL EQUIPMENT AND BUILDINGS**  
**Not registered for this use in the State of California**

1. Remove all heavy filth and soil deposits from surfaces using a suitable cleaner.
2. Prepare either disinfection or sanitizing solution by mixing the appropriate amount of GLUTEX GQ1 Sanitizer and Disinfectant with water. Refer to solution preparation above.
3. Using suitable commercially available equipment, saturate all surfaces with the prepared solution. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure.
4. Allow to stand for at least 5 minutes for sanitization or 10 minutes or for longer for disinfection.
5. Ventilate enclosed spaces.
6. Do not repopulate with poultry or other animals, or use equipment until treatment has been absorbed or dried.

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GLUTEX™ GQ1 Sanitizer and Disinfectant  
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NET Contents/Net Weight:

Container Size 260.8 gallons	Container Size 55 gallon	Container Size 5 gallon	Container Size 1 gallon
Net Weight 2,290 Pounds	Net Weight 470 Pounds	Net Weight 44 Pounds	Net Weight 8.6 Pounds

LOT No.: \_\_\_\_\_

Produced For *(used when product manufactured by contract manufacturer)*

**Dow Diamond TM**  
**THE DOW CHEMICAL COMPANY**  
Midland, Michigan 48674  
989-636-4400

™ Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

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registered under EPA Reg. No. 464-700



ENVIRONMENTAL PROTECTION AGENCY

PESTICIDES OFFICE  
WASHINGTON, D.C. 20250

May 16, 1972

Pesticides Regulation Division

FAD-1 Enclosure

**A GUIDE TO CLAIMS, LABELING AND EFFICACY DATA REQUIREMENTS  
FOR ALGICIDES AND SLIMICIDES IN COOLING WATER UNDER  
THE FEDERAL INSECTICIDE, FUNGICIDE, AND  
RODENTICIDE ACT**

**I. Purpose**

This is a guide and source of information for manufacturers of products intended for use in control of microbiological slimes in cooling water systems. Such products are pesticides (economic poisons) and must be registered before they can be legally shipped in interstate commerce.

**II. Definitions**

Algae - Chlorophyll bearing thallophytes.

Algicide, Bactericide, Fungicide - Any substance or mixture of substances which kills or effectively reduces the number of living algae, bacteria, or fungi in water. (Bactericide as defined herein is restricted to products used in "cooling water," as defined, and must not be related to products represented or defined as disinfectants).

Algistat, Bacteriostat, Fungistat - Any substance or mixture of substances which effectively controls or temporarily prevents the growth of algae, bacteria, or fungi.

Bacteria - See fungi.

Blowdown (Bleed-off) - Water discharged from the system to control concentrations of salts or other impurities in the circulating water. Blowdown is measured in gallons per minute.

Closed Recirculating Systems - Essentially all the water is continuously recycled and the heat is removed from the circulating water in a heat exchanger that may be cooled by air, mechanical refrigeration, or a separate open cooling water system.

Cooling Water - Water used for industrial service and comfort cooling purposes. Used for cooling purposes in once-through

systems, open recirculating systems, or closed recirculating systems.

Fungi - All non-chlorophyll-bearing thallophytes (that is, all non-chlorophyll-bearing plants of a lower order than mosses and liverworts) as for example: molds, yeast, and bacteria.



Make-up Water - Water added to the circulating water system to replace water lost from the system due to blowdown (bleed-off), drift, evaporation, leakage and overflow.

★ Microbiocide - Any substance or mixture of substances which effectively reduce the number of living microorganisms (algae, bacteria, and fungi). See also Algicide, Bactericide, Fungicide.

Microbiological Slime - An accumulation of microorganisms and their secretions plus embedded debris. The microorganisms associated with slime are algae, bacteria and fungi.

Microbiostat - See Algistat, Bacteriostat, Fungistat.

Once-through Systems - Water is taken from some primary source, used for cooling, and then discharged to waste or used for other purposes.

Open Recirculating Systems - A major portion of the water used for process cooling is continuously recycled to some type of evaporative cooling device, such as a cooling tower, to remove the heat picked up in the process and is then used again for process cooling.

### III. Claims

Microbiological deposits interfere with the efficiency of cooling water systems. In the framework of cooling water systems, control of bacterial, fungal, or algal slime is taken to mean the maintenance of the microbial population at some acceptable level which will not materially affect the efficient operation of the system.

Broad claims for use such as "microbiocide," "microbiostat," "slimicides," and "microorganism control" are acceptable only when modified by, (1) naming the types of organisms (algae, bacteria, fungi) for which control is intended and, (2) naming the industrial or commercial recirculating water cooling systems, such as "industrial (and/or commercial) recirculating cooling water towers," "air washers" and/or "evaporative condensers." Terms such as "biocide" or "biostat" are unacceptable where only microorganism control is to be construed. Cidal claims are acceptable only where the product has been demonstrated to be capable of effectively reducing the number of living algae, bacteria or fungi. Static claims are to be made for products which have been demonstrated to provide temporary control or growth suppression of the stated types of organisms. The claim for a type of activity (cidal or static) must be related to each particular use claimed on the labeling.

#### Examples:

- A. Microbiocide for use in industrial recirculating cooling water towers to reduce the number of living algae, bacteria and fungi.
- B. Microbiostat (microorganism control) for use in industrial recirculating cooling water towers to control the growth of algae, bacteria and fungi.



### Directions for Use

Directions for use must include the following:

1. Where in the system the product is to be applied. For example: at a point in the system where it will be uniformly mixed.
2. When the product should be applied (such as when the system is in jeopardy of becoming affected or after cleaning systems whose efficiency is already impaired).
3. The dosage and method of application. The dosage rate for solid products must be specified as weight of product per unit volume of water. The labels of solid products in the form of tablets, briquettes or other uniformly sized shapes should state the weight of each such unit.

The dosage rate for liquid products should be specified as fluid volume of product per unit volume of water. This rate may also be expressed in parts per million of the product following the fluid volume rate. The product weight per gallon must be shown on the application. If liquid products are added on a weight basis, the product weight per gallon must be shown on the label.

4. The method of application or pattern of use includes an initial application which may be repeated, followed by subsequent applications. The initial dosage range is for the purpose of controlling noticeable contamination, to satisfy the demand of the system which may have extensive but not noticeable contamination, or to rapidly develop a desired level of toxicant in the system water. The subsequent dosage range is for the purpose of inhibiting the growth of microorganisms remaining in the system or subsequently introduced into the system. In case of reinfestation of the system to a noticeable extent, the initial dosage range should be applied until control is again evident. Examples of various methods of application or patterns of use are given below.

(a) Intermittent or "Slug Method" The directions must stipulate an initial dose range of relatively high product concentrations, to obtain control of obvious microbial contamination. When microbial control is evident, a subsequent dose range, of relatively lower product concentrations, must be stated. The usual time interval between doses must be stated provided that this is further qualified with the phrase "or as needed to maintain control." The label must not claim maintenance of any particular concentration. Example: Initial Dose: When the system is noticeably fouled, apply \_\_\_\_\_



to \_\_\_\_\_ [fluid volume or unit weight] of \_\_\_\_\_ [product name] per \_\_\_\_\_ [unit volume] of water in the system. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add \_\_\_\_\_ to \_\_\_\_\_ [fluid volume or unit weight] of \_\_\_\_\_ [product name] per \_\_\_\_\_ [unit volume] of water in the system every \_\_\_\_\_ days (weekly), or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

(b) Modified Intermittent Method - This is similar to the intermittent or slug method (a) except that the interval between treatments is based on the time for a stated fraction of the system water to be lost by blowdown. This method of application may permit a claim to maintain the concentration within stated maximal and minimal limits. Example:

Initial Dose: When the system is just noticeably fouled, apply \_\_\_\_\_ to \_\_\_\_\_ [fluid volume or unit weight] of \_\_\_\_\_ [product name] per \_\_\_\_\_ [unit volume] of water in the system. Apply half [or 1/3, 1/4, or 1/5] of this initial dose when half [or 1/3, 1/4, or 1/5] of the water in the system has been lost by blowdown.

Subsequent Dose: When control of microbial growth is evident, apply \_\_\_\_\_ to \_\_\_\_\_ [fluid volume or unit weight] of \_\_\_\_\_ [product name] per \_\_\_\_\_ [unit volume] of water in the system. Apply half [or 1/3, 1/4, or 1/5] of the subsequent dose when half [or 1/3, 1/4, or 1/5] of the water in the system has been lost by blowdown.

Badly fouled systems must be cleaned before treatment is begun.

(c) Continuous Feed Method - The label should specify an initial slug dose based on the volume of water in the cooling system. The initial slug dose is required to establish an initial product concentration. For volatile products, continuous feed doses are based on total make-up water. Continuous feed dosage rates for non-volatile products are expressed as amount of product to be applied per stated volume of water lost by blowdown. The claim to maintain a concentration in the system may be made for the continuous feed method of application. Example:

Initial Dose: When the system is just noticeably fouled, apply \_\_\_\_\_ [fluid volume or unit weight] of \_\_\_\_\_ [product name] per \_\_\_\_\_ [unit volume] of water in the system.

Subsequent Dose: Maintain this treatment level by starting a continuous feed of \_\_\_\_\_ [fluid volume or unit weight] of \_\_\_\_\_ [product name] per \_\_\_\_\_ [unit volume] of water lost by blowdown. Badly fouled systems must be cleaned before treatment is begun.



- (d) **Briquettes or Tablets** may be considered to be a slug dose method of application. Data must be submitted showing the rates of dissolution of the product in waters at various temperatures and flow rates.

Example: Slug dose the system with \_\_\_\_\_ [number or unit weight of briquettes or tablets] of \_\_\_\_\_ [product name] per \_\_\_\_\_ [unit volume] of water in the system (name special container, or name site in system). Badly fouled systems must be cleaned before treatment is begun.

#### V. Data Requirements

1. Laboratory data must be submitted to show the presumptive effectiveness of the product against algae, bacteria and/or fungi. These data may be minimum inhibitory concentration determinations. If the product contains a new chemical or chemicals, the antimicrobial activity, if any, of each such ingredient must be determined and reported against algae, bacteria and/or fungi.
2. Based on the data obtained in item 1, application must be made for an Experimental Permit and the product tested to determine a dosage range and pattern of use in water systems in which the product is intended to be used. The following test criteria should be considered:
  - (a) Tests must be made in at least 2 different climatic locations for a period of not less than 30 days. Test systems should be representative of the more severe conditions that the product is intended to control.
  - (b) Reports must include (but are not limited to) the following:
    - (1) The dosage applied at each treatment.
    - (2) The interval between treatments.
    - (3) Visual or other suitable ratings of the nature and amount of microbial growth. The rating scale should be defined, and the commercially acceptable level indicated.
    - (4) The total volume of the system.
    - (5) The percent blowdown, if applicable, per unit of time.
    - (6) The volume of make-up water added to the system during the test period.



- (7) Water characteristics such as pH, hardness, temperatures and identification of any anticorrosion inhibitors together with an estimate of their concentration in the system and identification of any antimicrobial chemicals that were used immediately prior to or during the test period.
- (8) All appropriate engineering data reflecting efficient operation of the system, such as heat transfer readings, head pressures, down time, etc. Base line data on each parameter used is necessary for comparative purposes.
- (9) Bacterial counts before and after treatment are required for determining the interval(s) between product dosages and whether or not a product is cidal or static. Note: Counts must be accompanied by engineering data as indicated in (8) above submitted in support of static effects.
- (10) Where, when and by whom the tests were conducted.



(v) The physical characteristics of the swimming pool water, including temperature, color, and clarity.

(vi) Meteorological data, including air temperature, rainfall, and number of hours of sunlight, which may affect results.

(2) Simulated pools. In lieu of the in-use tests, acceptable confirming data may also be obtained from tests conducted in simulated swimming pools artificially inoculated with algae. Consultation with the Agency about procedures and test species prior to undertaking these tests is strongly recommended. An acceptable simulated swimming pool method is provided in § 92-20(f) Method for Evaluating Algicides in Simulated Swimming Pools.

(d) Suggested performance standards. (1) Pure-culture tests. For pure-culture testing, the acceptable level of performance is 70% control of algae in primary cultures for 3 weeks. (See § 92-20(e)).

(2) In-use pools. For in-use swimming pool testing, the level of performance should equal or exceed that of a standard chlorine treatment.

(3) Simulated pools. For simulated-swimming pool testing, the acceptable level of performance must be equal to or better than a chlorine standard at 1.0 to 1.5 ppm for isocyanuric acid-stabilized pools or at 0.6 to 1.0 ppm for non-stabilized pools. (See § 92-20(f)).

#### § 92-4 Industrial cooling water microbicides.

(a) Scope. Products intended to control microbiological slimes in cooling water systems include those with algicidal, bactericidal, and fungicidal activity. Microbiological slimes consist of microorganisms (algae, bacteria, and/or fungi) and their secretions, plus embedded debris.

(b) Definitions. The following definitions and explanations are particularly pertinent to the understanding of this section:

(1) Bactericide. As used in this section, this term is restricted to products used in cooling water for controlling bacterial slime, and must not be construed to include products represented or defined as disinfectants described in §§ 91 (Efficacy of Antimicrobial Agents).

(2) Blowdown (bleed-off). This term means: water discharged from the system to control concentrations of salts or other impurities in the circulating water. Blowdown is measured in volume per unit time.

(3) Closed recirculating systems. This term means: a system of continuously recirculating water in a heat exchanger that may be cooled by air, mechanical refrigeration, or a separate open cooling-water system.



(4) Makeup water. This term means: water added to the circulating water system to replace that lost because of blowdown (bleed-off), drift, evaporation, leakage, and overflow.

(5) Microbicide. As used in this section, this term means: any substance or mixture of substances which effectively reduces the number of algae, bacteria, and/or fungi.

(6) Once-through systems. This term refers to systems where water is taken from some primary source, used for cooling, and then either discharged to waste or used for other purposes.

(7) Open recirculating systems. This term refers to systems where a major portion of the water used for process cooling is continuously recycled to some type of evaporative cooling device, such as a cooling tower, to remove the heat picked up in the process, and is then used again for process cooling.

(c) Data guidance. (1) Laboratory testing. Laboratory data should be submitted to show presumptive effectiveness of the product in controlling algae, bacteria, fungi or combinations thereof when field testing is used to evaluate product performance.

(i) Standard laboratory techniques should be used to determine minimum concentrations of the product which will kill or prevent growth of target organisms. The viability of pure culture algae should also be determined by a technique involving subculture into untreated medium. (See § 92-20(e)). Laboratory evaluation of bacteria and fungi shall consist of determining minimum effective static and tidal concentrations of product on unshaken liquid cultures.

(ii) The following test species should be employed: bacteria: Pseudomonas spp. and Bacillus mycoides (ATCC); fungi: Aspergillus niger (ATCC); algae: Chlorella pyrenoidosa, Euglena gracilis, and Scenedesmus obliquus. (For algae, see § 92-20(e) for methods and growth media).

(d) Field testing. Tests should be made in at least 2 different climatic locations for a period of not less than 30 days. Test systems should be representative of the more severe conditions that the product is intended to control.

(1) Reports should include, but are not limited to, the following:

(i) Dosage applied at each treatment and contact period necessary for control of organisms.

(ii) Interval between treatments.

(iii) Visual or other suitable ratings of the nature and amount of microbial growth. The rating scale shall be defined, and the commercially acceptable level of control should be indicated.

(iv) Total volume in the system.





Re: Synergize 66171-7  
Tracy Lantz to: Gary E. Gaumer  
Cc: Velma Noble

12/29/2010 03:18 PM

Tomorrow is the absolute last day I can accept these forms.  
If not received tomorrow I will not have enough time to review and still meet my deadline.  
Without these forms the application is unacceptable.  
You will recall we began discussing this issue 3 weeks ago.

Your reply to our 12/20 letter must be sent through the mail to front end processing.

**Tracy Lantz**  
**Regulatory Team 31**  
**Antimicrobials Division**  
**U. S. Environmental Protection Agency**  
**Phone: (703) 308-6415**  
**FAX: (703) 308-8481**

"Gary E. Gaumer"

Hello Tracy, Sorry for the delay in replying. We...

12/29/2010 03:01:15 PM

From: "Gary E. Gaumer" <gegaumer@preserveinc.com>  
To: Tracy Lantz/DC/USEPA/US@EPA  
Date: 12/29/2010 03:01 PM  
Subject: Re: Synergize 66171-7

Hello Tracy,

Sorry for the delay in replying. We will try to get this to you tomorrow.

We received the 12/20 letter requesting changes to the CSFs that we have submitted. Are the changes something we can email to you, or do they have to be mailed?

GG

On Dec 21, 2010, at 3:26 PM, Lantz.Tracy@epamail.epa.gov wrote:

> I have not yet received your data compensation forms (described below.)  
> These forms are needed to continue my review of your amendment.  
> Please send these forms via e-mail by 12/29/10. You may scan the forms  
> and send via e-mail as pdf files.  
>  
> Thanks  
> (Embedded image moved to file: pic16060.jpg)  
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> From: "gegaumer@preserveinc.com" <gegaumer@preserveinc.com>  
>  
> To: Tracy Lantz/DC/USEPA/US@EPA  
>  
> Date: 12/10/2010 12:04 PM  
>  
> Subject: Re: Synergize 66171-7  
>  
>  
>  
>  
> I believe we do have all of the studies..  
>  
> Thank you for your help and patience.  
>  
> Have a great weekend!  
>  
> GG  
>  
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>  
> On Dec 10, 2010, at 9:00 AM, Lantz.Tracy@epamail.epa.gov wrote:  
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>> the data requirements.  
>> I am guessing that you may not have studies for all requirements.  
>> Many of our registrants do not have all 6 acute tox studies. They are  
>> usually missing acute inhalation.  
>> If you do not have this study you will need to offer compensation.  
>> (Embedded image moved to file: pic20600.jpg)  
>>  
>>  
>>  
>> From: "gegaumer@preserveinc.com" <gegaumer@preserveinc.com>  
>>  
>> To: Tracy Lantz/DC/USEPA/US@EPA  
>>  
>> Date: 12/10/2010 11:44 AM  
>>  
>> Subject: Re: Synergize 66171-7  
>>  
>>  
>>  
>>  
>> That makes sense..  
>>  
>> Are we required to offer compensation, If we have generated all the  
>> required data?  
>>  
>> GG  
>>  
>>



>>  
>> On Dec 10, 2010, at 6:35 AM, Lantz.Tracy@epamail.epa.gov wrote:  
>>  
>>> No, you don't resubmit them. You cite them by MRID on the forms.  
>>>  
>>> All of this data compensation is required every time you submit an  
>>> amendment with new data or when you do something new such as add a  
> new  
>>> use pattern (such at this application) or increase a rate if it  
>> differs  
>>> from what we have already accepted for other products.  
>>>  
>>> (Embedded image moved to file: pic16541.jpg)  
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>>>  
>>> From: "gegaumer@preserveinc.com" <gegaumer@preserveinc.com>  
>>  
>>>  
>>> To: Tracy Lantz/DC/USEPA/US@EPA  
>>  
>>>  
>>> Date: 12/09/2010 08:46 PM  
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>>>  
>>> Subject: Re: Synergize 66171-7  
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>>> Thank you for the clarification.  
>>>  
>>> All the studies you reference, have already been submitted, when we  
>>> originally submitted Synergize for registration. We wouldn't need to  
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>>>> be satisfied with your formulator's exemption form.  
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>>>> Product specific requirements are chemistry data, group A and B, the  
>> 6  
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>>>> support all of the public health claims on your label. This is data  
>>> on  
>>>> your formulation as packaged for sale. If you don't have all of  
>> these  
>>>> studies you need to get permission to cite a study for a product



> just  
>>>> like yours or you need to use the cite all option and offer to pay  
>>>> everyone with your AIs who has provided that study to the Agency for  
>>>> review.  
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>>>> (Embedded image moved to file: pic00041.jpg)  
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>>>>  
>>>> From: "Gary E. Gaumer" <gegaumer@preserveinc.com>  
>>>>  
>>>> To: Tracy Lantz/DC/USEPA/US@EPA  
>>>>  
>>>> Date: 12/09/2010 06:56 PM  
>>>>  
>>>> Subject: Re: Synergize 66171-7  
>>>>  
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>>>> Sorry for being dense, but could you please provide me a list of all  
>>>> data required assuming we are purchasing from a registered source?  
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>>>>> In order to support the generic data requirements you would only  
>> need  
>>>> to  
>>>>> provide the formulator's exemption statement.  
>>>>>  
>>>>> You must still support the product specific data requirements as  
>>>>> described in my previous e-mail.  
>>>>> (Embedded image moved to file: pic31230.jpg)  
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>>>>>  
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>>>>>  
>>>>> To: Tracy Lantz/DC/USEPA/US@EPA  
>>>>>  
>>>>>  
>>>>> Date: 12/09/2010 06:16 PM  
>>>>>  
>>>>>  
>>>>> Subject: Re: Synergize 66171-7  
>>>>>

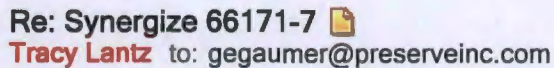


>>>>  
 >>>>  
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 >>>>  
 >>>> Hi Tracy,  
 >>>>  
 >>>> Thank you for the note..  
 >>>>  
 >>>> We are purchasing the raw material from register sources, so am I  
 >>>> correct in reading your email that the only thing we need to send  
 > at  
 >>>> this time is a formulator's exemption? If so, we will get it out  
 > to  
 >>>> you  
 >>>> the first part of next week.  
 >>>>  
 >>>> As always, thank you.  
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 >>>>> Although this use is not new for either of the AI's and seems to  
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 >> of  
 >>>>> the  
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>>>>> Tracy Lantz  
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>>>>> <pic16060.jpg>





12/21/2010 06:26 PM

I have not yet received your data compensation forms (described below.) These forms are needed to continue my review of your amendment.  
Please send these forms via e-mail by 12/29/10. You may scan the forms and send via e-mail as pdf files.

## Thanks

Tracy Lantz

**Tracy Lantz**  
**Regulatory Team 31**  
**Antimicrobials Division**  
**U. S. Environmental Protection Agency**  
**Phone: (703) 308-6415**  
**FAX: (703) 308-8481**

"gegaumer@preserveinc.com"

**I believe we do have all of the studi...**

12/10/2010 12:04:28 PM

From: "gegaumer@preserveinc.com" <gegaumer@preserveinc.com>  
To: Tracy Lantz/DC/USEPA/US@EPA  
Date: 12/10/2010 12:04 PM  
Subject: Re: Synergize 66171-7

I believe we do have all of the studies..

Thank you for your help and patience.

Have a great weekend!

GG

On Dec 10, 2010, at 9:00 AM, Lantz.Tracy@epamail.epa.gov wrote:

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> (Embedded image moved to file: pic20600.jpg)
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> From: "gegaumer@preserveinc.com" <gegaumer@preserveinc.com>  
>  
> To: Tracy Lantz/DC/USEPA/US@EPA



> Date: 12/10/2010 11:44 AM  
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> <pic20600.jpg>

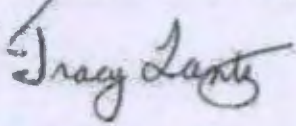




Re: Synergize 66171-7   
Tracy Lantz to: gegaumer@preserveinc.com

12/10/2010 12:00 PM

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I am guessing that you may not have studies for all requirements.  
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If you do not have this study you will need to offer compensation.



**Tracy Lantz**  
**Regulatory Team 31**  
**Antimicrobials Division**  
**U. S. Environmental Protection Agency**  
**Phone: (703) 308-6415**  
**FAX: (703) 308-8481**

"gegaumer@preserveinc.com"

That makes sense.. Are we requir...

12/10/2010 11:44:36 AM

From: "gegaumer@preserveinc.com" <gegaumer@preserveinc.com>  
To: Tracy Lantz/DC/USEPA/US@EPA  
Date: 12/10/2010 11:44 AM  
Subject: Re: Synergize 66171-7

That makes sense..

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> from what we have already accepted for other products.

> (Embedded image moved to file: pic16541.jpg)

> From: "gegaumer@preserveinc.com" <gegaumer@preserveinc.com>  
>  
> To: Tracy Lantz/DC/USEPA/US@EPA  
>  
> Date: 12/09/2010 08:46 PM  
>



> Subject: Re: Synergize 66171-7  
>  
>  
>  
>  
>  
> Thank you for the clarification.  
>  
> All the studies you reference, have already been submitted, when we  
> originally submitted Synergize for registration. We wouldn't need to  
> resubmit them would we?  
>  
> GG  
>  
>  
>  
> On Dec 9, 2010, at 4:02 PM, Lantz.Tracy@epamail.epa.gov wrote:  
>  
>> Generic data (data requirements as per the REDs for ADBAC and Glut)  
> will  
>> be satisfied with your formulator's exemption form.  
>>  
>> Product specific requirements are chemistry data, group A and B, the 6  
>> acute tox studies (primary eye, primary skin, acute dermal, acute  
> oral,  
>> acute inhalation, and dermal sensitization) as well as efficacy data  
> to  
>> support all of the public health claims on your label. This is data  
> on  
>> your formulation as packaged for sale. If you don't have all of these  
>> studies you need to get permission to cite a study for a product just  
>> like yours or you need to use the cite all option and offer to pay  
>> everyone with your AIs who has provided that study to the Agency for  
>> review.  
>>  
>>  
>> (Embedded image moved to file: pic00041.jpg)  
>>  
>>  
>>  
>>  
>> From: "Gary E. Gaumer" <gegaumer@preserveinc.com>  
>  
>>  
>> To: Tracy Lantz/DC/USEPA/US@EPA  
>  
>>  
>> Date: 12/09/2010 06:56 PM  
>  
>>  
>> Subject: Re: Synergize 66171-7  
>  
>>  
>>  
>>  
>>  
>>  
>>  
>> Sorry for being dense, but could you please provide me a list of all  
>> data required assuming we are purchasing from a registered source?




>>  
>> Thanks,  
>>  
>> GG  
>>  
>>  
>> On Dec 9, 2010, at 3:26 PM, Lantz.Tracy@epamail.epa.gov wrote:  
>>  
>>> In order to support the generic data requirements you would only need  
>> to  
>>> provide the formulator's exemption statement.  
>>>  
>>> You must still support the product specific data requirements as  
>>> described in my previous e-mail.  
>>> (Embedded image moved to file: pic31230.jpg)  
>>>  
>>>  
>>>  
>>> From: "Gary E. Gaumer" <gegaumer@preserveinc.com>  
>>  
>>>  
>>> To: Tracy Lantz/DC/USEPA/US@EPA  
>>  
>>>  
>>> Date: 12/09/2010 06:16 PM  
>>  
>>>  
>>> Subject: Re: Synergize 66171-7  
>>  
>>>  
>>>  
>>>  
>>>  
>>> Hi Tracy,  
>>>  
>>> Thank you for the note..  
>>>  
>>> We are purchasing the raw material from register sources, so am I  
>>> correct in reading your email that the only thing we need to send at  
>>> this time is a formulator's exemption? If so, we will get it out to  
>> you  
>>> the first part of next week.  
>>>  
>>> As always, thank you.  
>>>  
>>> GG  
>>>  
>>>  
>>> On Dec 9, 2010, at 3:03 PM, Lantz.Tracy@epamail.epa.gov wrote:  
>>>  
>>>> I have been reviewing your label amendment dated 9/1/2010.  
>>>>  
>>>> You have proposed adding a new use for this product (industrial  
>> water  
>>>> treatment) which is significantly different from other uses on this  
>>>> label.  
>>>>  
>>>> Although this use is not new for either of the AI's and seems to



> fall  
>>>> within the range of previously accepted dosage rates for this use,  
>>> this  
>>>> use is new for this product and thus data compensation is required.  
>>>> When data compensation is required the time frame for review  
>> increases  
>>>> to 120 days such that the Agency has additional time to review the  
>>> data  
>>>> compensation. Thus this application is due out on 1/8/2011.  
>>>>  
>>>> In order for me to continue to work toward approving this label  
>>>> amendment, submit data compensation for product specific as well as  
>>>> generic data requirements. If you are purchasing registered sources  
>>> of  
>>>> active ingredients you may submit a formulator's exemption statement  
>>> to  
>>>> cover the generic data requirements. If you are not purchasing  
>>>> registered sources, you must submit a certification with respect to  
>>>> citation of data form along with an internal and public file copy of  
>>> the  
>>>> completed data matrix for each active ingredient. In addition to  
>>>> supporting the generic data requirements, you must also support the  
>>>> product specific data requirements for chemistry, toxicity (6 pack)  
>>> and  
>>>> efficacy. Submit a certification with respect to citation of data  
>>> form  
>>>> along with an internal and public file copy of the completed data  
>>> matrix  
>>>> for this product specific data. Should you decide to use the cite  
>> all  
>>>> option for any data requirement, you must also submit the data  
>>>> submitters list for each active ingredient.  
>>>>  
>>>> Please submit this information as soon as possible so that I can  
>>>> continue to move forward with this review of your label amendment.  
>>>>  
>>>> Thanks,  
>>>>  
>>>> Tracy Lantz  
>>>>  
>>>  
>>> <pic31230.jpg>  
>>  
>> <pic00041.jpg>  
> <pic16541.jpg>





**Synergize 66171-7**   
**Tracy Lantz** to: Gary E. Gaumer  
Cc: Velma Noble

12/09/2010 06:03 PM

I have been reviewing your label amendment dated 9/1/2010.

You have proposed adding a new use for this product (industrial water treatment) which is significantly different from other uses on this label.

Although this use is not new for either of the AI's and seems to fall within the range of previously accepted dosage rates for this use, this use is new for this product and thus data compensation is required. When data compensation is required the time frame for review increases to 120 days such that the Agency has additional time to review the data compensation. Thus this application is due out on 1/8/2011.

In order for me to continue to work toward approving this label amendment, submit data compensation for product specific as well as generic data requirements. If you are purchasing registered sources of active ingredients you may submit a formulator's exemption statement to cover the generic data requirements. If you are not purchasing registered sources, you must submit a certification with respect to citation of data form along with an internal and public file copy of the completed data matrix for each active ingredient. In addition to supporting the generic data requirements, you must also support the product specific data requirements for chemistry, toxicity (6 pack) and efficacy. Submit a certification with respect to citation of data form along with an internal and public file copy of the completed data matrix for this product specific data. Should you decide to use the cite all option for any data requirement, you must also submit the data submitters list for each active ingredient.

Please submit this information as soon as possible so that I can continue to move forward with this review of your label amendment.

Thanks,

Tracy Lantz





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

September 13, 2010

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

GARY GAUMER  
PRESERVE INTERNATIONAL  
PO Box 17003  
RENO, NV 89511-

PRODUCT NAME: SYNERGIZE  
COMPANY NAME: PRESERVE INTERNATIONAL  
OPP IDENTIFICATION NUMBER:  
EPA FILE SYMBOL: 66171-7  
EPA RECEIPT DATE: 09/10/10

SUBJECT: RECEIPT OF AMENDMENT

DEAR REGISTRANT:

The Office of Pesticide Programs has received your application for an amendment and it has passed an administrative screen for completeness.

During the initial screen we determined that the application appears to qualify for fast track review. The package will now be forwarded to the Product Manager for review to determine its acceptability for fast track status.

If you have any questions, please contact Antimicrobials Division, Risk Management Team 31, at (703) 308-6233.

Sincerely,

*P.K. Moore*  
Front End Processing Staff  
Information Services Branch  
Information Technology & Resources Management Division







Explore Registrations

Reg Number: 66171-7

Reg. Type: Product Registration - Section 3

Status: Conditionally Registered (24-Apr-2010)

Name: SYNERGIZE

<View Registration Details>

( New Receipts )

S:	Submission Type	OPP Rec'd Date	Resubmission	Description
● 873340	Notification	26-Apr-2010	<input type="radio"/> Yes <input checked="" type="radio"/> No	

...Decisions...

- D: Pending; 442768; 66171-7;332;NOTIFICATION
- D: Closed; 441290; 66171-7;332;NOTIFICATION
- D: Pending; 441289; 66171-7;332;NOTIFICATION
- D: Pending; 441288; 66171-7;332;NOTIFICATION
- D: Pending; 440203; 66171-7;307;DATA REQUIRED
- 75-Day Letters
- S: 881916 @10/2010; Amendment; 66171-7
- D: Closed; 432578; 66171-7;302;LABEL REV
- D: Pending; 426852; 66171-7;302;LABEL REV
- D: Closed; 423483; 66171-7;332;NOTIFICATION
- D: Closed; 408362; 66171-7;302;LABEL REV
- D: Closed; 370240; 66171-7;W01;ULTRA SM
- D: Closed; 368573; 66171-7;A57;AMENDMENT
- D: Closed; 366959; 66171-7;302;LABEL REV
- D: Closed; 366213; 66171-7;W01;ULTRA SM
- D: Closed; 365344; 66171-7;A57;AMENDMENT
- D: Closed; 352475; 66171-7;W01;ULTRA SM
- D: Closed; 350131; 66171-7;A57;AMENDMENT
- D: Pending; 331113; 66171-7;332;NOTIFICATION
- D: Closed; 329841; 66171-7;302;LABEL REV

S: 881916 Reg #: 66171-7

Submission Type: Amendment

Resubmission?: ☐ Yes ☒ No

Decision #: 440203; 307;DATA REQUIRED;TECHNICAL;

Submitter Company: PRESERVE INTERNATIONAL

Application Date: 01-Sep-2010

OPP Received Date: 10-Sep-2010 Date Sent to Risk manager: 13-Sep-2010

Studies Included?: ☐ Yes ☒ No Fast Track?: ☐ Yes ☒ No

Form A Signed?: ☐ Yes ☐ No ☒ None Date:

Form B Signed?: ☐ Yes ☐ No ☒ None Date:

Reviewer: Lantz, Tracy

Received DT: Editable Due DT:

Submission Due DT: 06-Jan-2011 Response: 0 , 10-Sep-2010

Priority Weight: Priority Points:

Comments: Label amendment





**World Headquarters** 1355 Paulson Road, Turlock, CA 95380 • Bus: (209) 664-1607 • Fax: (209) 664-1728 • USA: (800) 995-1607  
**Tennessee Operation** 1213 Empire Avenue, Memphis, TN 38107 • Bus: (901) 272-0031 • Fax: (901) 726-6446

September 1, 2010

Ms. Velma Noble  
Office of Pesticides Programs (7504C)  
United States Environmental Protection Agency (AMEND)  
Ariel Rios Building  
1200 Pennsylvania Avenue, N.W.  
Washington, DC 20460

Re: Synergize, USEPA Registration Number 66171-7

Dear Ms Noble:

Preserve International submits this amendment package for the addition of directions for use in air washers and industrial scrubbing systems / recirculating cooling and process water systems. In addition, we have added some descriptive headings at the top of the center panel. We have highlighted both sections that were added.

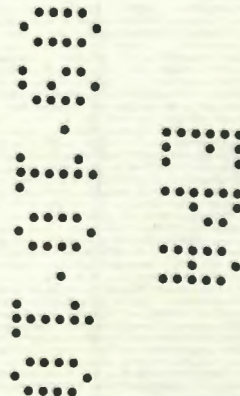
For your review, we have included a copy of Dow Chemical Company's Glutex label demonstrating the EPA's prior registration of this use in a product with similar ingredients. Again, we have highlighted the pertinent section.

If I may be of further assistance, please feel free to contact me at 775-853-9776.

Thank you for your time and consideration.

Sincerely,  
Preserve International

Gary E. Gaumer  
President







United States  
Environmental Protection Agency  
Washington, DC 20460

☐ Registration  
☒ Amendment  
☐ Other

OPP Identifier Number

## Application for Pesticide - Section I

1. Company/Product Number 66171-7	2. EPA Product Manager Ms. Velma Noble	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Synergize	PM# 31	
5. Name and Address of Applicant (Include ZIP Code) Preserve International PO Box 17003 Reno, NV 89511  <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

## Section - II

<input checked="" type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input checked="" type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

Addition of directions for use for air washers and industrial scrubbing systems / recirculating cooling and process water systems. In addition, we have added descriptive headings in the center panel.

## Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 275g,250g,55g,30g,15g,5g,4x1g		5. Location of Label Directions <input checked="" type="checkbox"/> On Label	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input checked="" type="checkbox"/> Other <u>Sleeve</u>		

## Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Gary Gaumer	Title President	Telephone No. (include Area Code) 775-853-9776
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped) 
2. Signature 	3. Title President	
4. Typed Name Gary Gaumer	5. Date September 1, 2010	



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Gary E. Gaumer  
Preserve International  
P.O. Box 17003  
Reno, NV 89511

DEC 20 2010

Subject: Synergize  
EPA Registration No.: 66171-7  
Notification Dated: November 22, 2010  
EPA Receipt Date: November 24, 2010

Dear Mr. Gaumer,

This letter acknowledges receipt of the notification identified above submitted under the provisions of the Federal Insecticide, Fungicide, and Rodenticide Act (FIRRA), as amended and PR Notice 98-10.

- Notification to add Alternate Formulations

Based on a review of the submitted information this notification is unacceptable due to the concerns listed below. You have submitted two alternate Confidential Statements of Formulations (CSFs) dated 11/22/10. A number or elements are missing from each CSF.

- 1) List the Reg. No. of this product; 66171-7 on each page of each CSF.
- 2) List the percent by weight of each component of each formulation. (column 13 b). Also list in column 13 b the nominal identifying it with "n =" for each component which is not supplied at 100% (each active ingredient, [REDACTED])
- 3) List the Reg. No. of the quaternary ammonium active ingredient source.
- 4) List the total weight of each formulation.

Submit revised CSFs addressing the issues noted above. Should you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,

*Tracy Lantz*  
for Velma Noble.  
Product Manager (31).  
Regulatory management Branch I.  
Antimicrobials Division (7510P)

7510P-T.Lantz: 12/20/10:66171-7 c notification							
CONCURRENCES							
SYMBOL	7510P						
SURNAME	J. Lantz						
DATE	12/20/10						



**RISK ASSIGNMENT FORM**  
Antimicrobial Division/Regulatory Management Branch II

<b>A</b>	<b>Completed by Product Manager</b>									
<b>PRODUCT REVIEWER:</b>								<b>RMB</b> <u>  1  </u> <b>TEAM</b> <u>  31  </u>		
<b>Description of Action:</b>								<b>EPA File Symbol/Reg No.</b>		
<i>Tracy</i> <i>Not. F. contri</i>								<i>66171-7</i>		
<b>Decision No.</b> <i>442768</i>				<b>Submission No.</b> <i>886777</i>				<b>Fee for Service Action Code:</b>		
<b>FQPA Action Code:</b> <i>332</i>				<b>Non-FQPA Action Code:</b>				<b>PRIA FEE AMOUNT: \$</b>		
				<b>MONTH</b>		<b>DAY</b>		<b>YEAR</b>		
<b>APPLICATION DATE</b>				<i>11</i>		<i>22</i>		<i>2010</i>		
<b>EPA PIN DATE</b>				<i>11</i>		<i>24</i>		<i>2010</i>		
<b>DATE PM RECEIVED FROM FRONT END</b>								<i>2010</i>		
<b>Date sent to Reviewer</b>								<i>2010</i>		
<b>DATE SENT TO SCIENCE</b>								<i>2010</i>		
<b>DATE RECEIVED FROM SCIENCE</b>										
<b><del>PM</del> DUE DATE</b>				<i>12</i>		<i>24</i>		<i>2010</i>		<b>NEGOTIATED DUE DATE</b>
<b>Type of Data:</b>	<b>PSB Product Chemistry</b>	<b>PSB Acute Toxicology</b>	<b>PSB Efficacy</b>	<b>RASSB Environmental Fate</b>		<b>RASSB Ecological Effects</b>		<b>RASSB Chronic Toxicology</b>	<b>RASSB Exposure/Residue</b>	
<b>COMMENTS:</b> <div style="font-size: 1.5em; font-family: cursive; margin-top: 10px;"> <i>Notification - Gme to Tracy</i> </div>										
<b>ATTACHMENTS:</b> <input checked="" type="checkbox"/> <b>-LABELING</b> <input type="checkbox"/> <b>-CSF(S)</b> <input type="checkbox"/> <b>-DATA</b> <input type="checkbox"/> <b>-OTHERS</b>										
<b>DATE FEE PAID:</b>					<b>RESPONSE CODE:</b> _____			<b>RESPONSE DATE:</b> _____		





United States  
Environmental Protection Agency  
Washington, DC 20460  
**Formulator's Exemption Statement**  
(40 CFR 152.85)

**Applicant's Name and Address**

Preserve International  
PO Box 17003  
Reno, NV 89511

**EPA File Symbol/Registration Number**

66171-7

**Product Name**

Synergize

Synergize-ORANGE NF

**Date of Confidential Statement of Formula (EPA Form 8570-4)**

11/22/10

As an authorized representative of the applicant for registration of the product identified above, I certify that:

**(1) This product contains the following active ingredient(s):**

Alkyl (C12 67%, C14 25%, C16 7%, C18 1%) dimethyl benzyl ammonium chloride

Glutaraldehyde

**(2) Of these, each active ingredient listed in paragraph (4) is present solely as the result of the use of that active ingredient in the manufacturing, formulation or repackaging another product which contains that active ingredient which is registered under FIFRA Section 3, is purchased by us from another producer, and is labeled for at least each use for which my product is proposed to be labeled.**

**(3) Indicate by checking (A) or (B) below which paragraph applies:**

☒ **(A) An accurate Confidential Statement of Formula (EPA FORM 8570-4) for the above identified product is attached to this statement. That formula statement indicates, by company name, registration number, and product name, the source of the active ingredient(s) listed in paragraph (1).**

OR

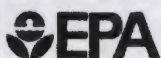
☐ **(B) The Confidential Statement of Formula (CSF) (EPA Form 8570-4) referenced above and on file with the EPA is complete, current, and accurate and contains the information required on the current CSF.**

**(4) The following active ingredients in this product qualify for the formulator's exemption.**

**Source**

Active Ingredient	Product Name	Registration Number
Alkyl (C12 67%, C14 25%, C16 7%, C18 1%) dimethyl benzyl ammonium chloride		
Glutaraldehyde		
<b>Signature</b> 	<b>Name and Title</b> Gary E. Gaumer	<b>Date</b> 11/22/10





United States  
Environmental Protection Agency  
Washington, DC 20460  
**Formulator's Exemption Statement**  
(40 CFR 152.85)

**Applicant's Name and Address**  
Preserve International  
PO Box 17003  
Reno, NV 89511

**EPA File Symbol/Registration Number**

66171-7

**Product Name**

Synergize

**Date of Confidential Statement of Formula (EPA Form 8570-4)**

11/22/10

As an authorized representative of the applicant for registration of the product identified above, I certify that:

(1) This product contains the following active ingredient(s):

Alkyl (C12 67%, C14 25%, C16 7%, C18 1%) dimethyl benzyl ammonium chloride

Glutaraldehyde

(2) Of these, each active ingredient listed in paragraph (4) is present solely as the result of the use of that active ingredient in the manufacturing, formulation or repackaging another product which contains that active ingredient which is registered under FIFRA Section 3, is purchased by us from another producer, and is labeled for at least each use for which my product is proposed to be labeled.

(3) Indicate by checking (A) or (B) below which paragraph applies:

☒ (A) An accurate Confidential Statement of Formula (EPA FORM 8570-4) for the above identified product is attached to this statement. That formula statement indicates, by company name, registration number, and product name, the source of the active ingredient(s) listed in paragraph (1).

OR

☐ (B) The Confidential Statement of Formula (CSF) (EPA Form 8570-4) referenced above and on file with the EPA is complete, current, and accurate and contains the information required on the current CSF.

(4) The following active ingredients in this product qualify for the formulator's exemption.

**Source**

Active Ingredient	Product Name	Registration Number
Alkyl (C12 67%, C14 25%, C16 7%, C18 1%) dimethyl benzyl ammonium chloride		
Glutaraldehyde		
<b>Signature</b>	<b>Name and Title</b>	<b>Date</b>
	Gary E. Gaumer	11/22/10

EPA Form 8570-27 (Rev. 8-95)

White - EPA copy  
Yellow - Applicant copy





**World Headquarters** 1355 Paulson Road, Turlock, CA 95380 • Bus: (209) 664-1607 • Fax: (209) 664-1728 • USA: (800) 995-1607  
**Tennessee Operation** 1213 Empire Avenue, Memphis, TN 38107 • Bus: (901) 272-0031 • Fax: (901) 726-6446

November 22, 2010

Ms. Velma Noble  
Office of Pesticides Programs (7504C)  
United States Environmental Protection Agency (NOTIFICATION)  
Ariel Rios Building  
1200 Pennsylvania Avenue, N.W.  
Washington, DC 20460

Dear Ms. Noble:

Attached to this cover are the documents that have been requested by the USEPA, in Ms. Velma Noble's November 10, 2010 letter. These documents support Preserve International's desire to register, via notification, two additional alternate formulas for our product Synergize, EPA registration number 66171-7.

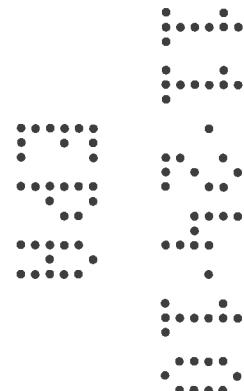
This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

If I may be of further assistance, please feel free to contact me at 775-853-9776.

Thank you for your time and consideration.

Sincerely,  
Preserve International

  
Gary E. Gaumer  
President





## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Gary E. Gaumer  
Preserve International  
P.O. Box 17003  
Reno, NV 89511

NOV 10 2010

Subject: Synergize  
EPA Registration No.: 66171-7  
Decisions 441288 and 441289  
Notifications Dated: September 30, 2010  
EPA Receipt Dates: October 12, 2010

Dear Mr. Gaumer,

This letter acknowledges receipt of the notifications identified above submitted under the provisions of the Federal Insecticide, Fungicide, and Rodenticide Act (FIRRA), as amended and PR Notice 98-10.

- Notification to add Alternate Formulations

Based on a review of the submitted information these notifications are unacceptable due to the concerns listed below.

1) You have submitted two alternate formulations dated 9/24/10. Neither formulation has an identifier. These two formulas must be identified to indicate that each is a distinctly different formula. It is suggested that you name each in a manner such as the following: #1 and #2 or A and B, etc.

2) You have requested an alternate source of the active ingredient Glutaraldehyde. When such a change is made by notification, you must submit a Formulator's Exemption Statement along with the application. (PR Notice 98-10, III. A) It appears that such a form was requested to support the use of this alternate active ingredient in 2003. According to our records no form was submitted in response to that request.

3) Your formulation containing [REDACTED] includes an attachment listing alternate sources of [REDACTED]. Your Confidential Statement of Formula (CSF) form indicates one source: [REDACTED]. If you would like to add an additional source of Glutaraldehyde to this formula, revise the CSF to reflect your intention.

## CONCURRENCES

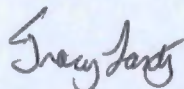
SYMBOL	750P						
SURNAME	J. Jark						
DATE	11/10/10						



## General Comments

Submit revised CSFs addressing the issues noted above. Should you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,



for

Velma Noble.  
Product Manager (31).  
Regulatory management Branch I.  
Antimicrobials Division (7510P)

7510P:T.Lantz:11/10/10:66171-7 a b notification



<b>A</b>	Completed by Product Manager						
<b>PRODUCT REVIEWER:</b>						RMB <u>I</u> TEAM <u>31</u>	
Description of Action: <i>Tracy</i> <i>Notification</i>						EPA File Symbol/Reg No. <i>66171-7</i>	
Decision No. <i>441289</i>		Submission No. <i>884345</i>			Fee for Service Action Code:		
FQPA Action Code: <i>332</i>		Non-FQPA Action Code:			PRIA FEE AMOUNT: \$		
	MONTH	DAY		YEAR			
APPLICATION DATE	<i>9</i>	<i>30</i>		2010			
EPA PIN DATE	<i>10</i>	<i>12</i>		2010			
DATE PM RECEIVED FROM FRONT END				2010			
Date sent to Reviewer				2010			
DATE SENT TO SCIENCE				2010			
DATE RECEIVED FROM SCIENCE							
<del>PRIA</del> DUE DATE	<i>11</i>	<i>11</i>	<i>2010</i>	NEGOTIATED DUE DATE			
Type of Data:	PSB Product Chemistry	PSB Acute Toxicology	PSB Efficacy	RASSB Environmental Fate	RASSB Ecological Effects	RASSB Chronic Toxicology	RASSB Exposure/Residue
<b>COMMENTS:</b> <i>Notification - Come to Tracy</i> <i>CSF review</i>							
<b>ATTACHMENTS:</b> <input checked="" type="checkbox"/> LABELING <input type="checkbox"/> CSF(S) <input type="checkbox"/> DATA <input type="checkbox"/> OTHERS							
DATE FEE PAID:				RESPONSE CODE: _____		RESPONSE DATE: _____	





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**Tennessee Operation** 1213 Empire Avenue, Memphis, TN 38107 • Bus: (901) 272-0031 • Fax: (901) 726-6446

September 30, 2010

Ms. Velma Noble  
Office of Pesticides Programs (7504C)  
United States Environmental Protection Agency (AMEND)  
Ariel Rios Building  
1200 Pennsylvania Avenue, N.W.  
Washington, DC 20460

Dear Ms. Noble:

Preserve International hereby submits this notification for minor formulation change for Synergize, EPA registration number 66171-7.


To support the notification of minor formulation change, please find a revised confidential statement of formula.

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

If I may be of further assistance, please feel free to contact me at 775-853-9776.

Thank you for your time and consideration.

Sincerely,  
Preserve International



Gary E. Gaumer  
President



441289



United States  
Environmental Protection Agency  
Washington, DC 20460

☐ Registration  
☒ Amendment  
☐ Other

OPP Identifier Number

## Application for Pesticide - Section I

1. Company/Product Number 66171-7	2. EPA Product Manager Ms. Velma Noble	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Synergize	PM# 31	
5. Name and Address of Applicant (Include ZIP Code) Preserve International PO Box 17003 Reno, NV 89511  <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

## Section - II

<input checked="" type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)  
Application for accelerated review as per PR Notice 98-10 Section V(3), Minor Formulation Change

## Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
* Certification must be submitted				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
	If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container	Other (Specify) _____
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 275g,250g,55g,30g,15g,5g,4x1g		5. Location of Label Directions <input checked="" type="checkbox"/> On Label	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input checked="" type="checkbox"/> Other <u>Sleeve</u>		

## Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Gary Gaumer		Title President		Telephone No. (Include Area Code) 775-853-9776	
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					6. Date Application Received (Stamped)
2. Signature 		3. Title President			
4. Typed Name Gary Gaumer		5. Date September 30, 2010			



<b>A</b>	Completed by Product Manager						
<b>PRODUCT REVIEWER:</b>						RMB <u>  I  </u> TEAM <u>  31  </u>	
Description of Action: <span style="font-size: 1.2em; margin-left: 100px;">Tracy</span> <span style="font-size: 1.2em; margin-left: 100px;">Notification</span>						EPA File Symbol/Reg No. <span style="font-size: 1.2em; margin-left: 100px;">66171-7</span>	
Decision No. <u>441288</u>		Submission No. <u>884342</u>		Fee for Service Action Code:			
FQPA Action Code: <u>332</u>		Non-FQPA Action Code:		PRIA FEE AMOUNT: \$			
	MONTH	DAY	YEAR				
APPLICATION DATE	9	30	2010				
EPA PIN DATE	10	12	2010				
DATE PM RECEIVED FROM FRONT END			2010				
Date sent to Reviewer			2010				
DATE SENT TO SCIENCE			2010				
DATE RECEIVED FROM SCIENCE							
<del>PRIA</del> DUE DATE	11	11	2010	NEGOTIATED DUE DATE			
Type of Data:	PSB Product Chemistry	PSB Acute Toxicology	PSB Efficacy	RASSB Environmental Fate	RASSB Ecological Effects	RASSB Chronic Toxicology	RASSB Exposure/Residue
<b>COMMENTS:</b> <div style="font-size: 1.2em; margin-top: 10px;">Notification - Give to Tracy</div> <div style="margin-top: 10px;">CSF review</div>							
<b>ATTACHMENTS:</b> <input checked="" type="checkbox"/> LABELING <input type="checkbox"/> CSF(S) <input type="checkbox"/> DATA <input type="checkbox"/> OTHERS							
DATE FEE PAID:				RESPONSE CODE: _____		RESPONSE DATE: _____	





441288

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**Tennessee Operation** 1213 Empire Avenue, Memphis, TN 38107 • Bus: (901) 272-0031 • Fax: (901) 726-6446

September 30, 2010

Ms. Velma Noble  
Office of Pesticides Programs (7504C)  
United States Environmental Protection Agency (AMEND)  
Ariel Rios Building  
1200 Pennsylvania Avenue, N.W.  
Washington, DC 20460

Dear Ms. Noble:

Preserve International hereby submits this notification for minor formulation change for Synergize, EPA registration number 66171-7.

To support the notification of minor formulation change, please find a revised confidential statement of formula.

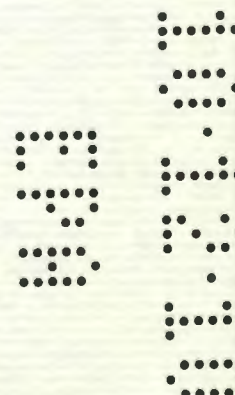
This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

If I may be of further assistance, please feel free to contact me at 775-853-9776.

Thank you for your time and consideration.

Sincerely,  
Preserve International

Gary E. Gaumer  
President





31

441288

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0050. Approval expires 2-28-95



United States  
Environmental Protection Agency  
Washington, DC 20460

☐  
☒  
☐

Registration  
Amendment  
Other

OPP Identifier Number

## Application for Pesticide - Section I

1. Company/Product Number 66171-7	2. EPA Product Manager Ms. Velma Noble	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Synergize	PM# 31	
5. Name and Address of Applicant (Include ZIP Code) Preserve International PO Box 17003 Reno, NV 89511  <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

## Section - II

<input checked="" type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)  
Application for accelerated review as per PR Notice 98-10 Section V(3), Minor Formulation Change

## Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 275g, 250g, 55g, 30g, 15g, 5g, 4x1g		5. Location of Label Directions <input checked="" type="checkbox"/> On Label	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph Paper glued Stenciled			<input checked="" type="checkbox"/> Other Sleeve		

## Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Gary Gaumer	Title President	Telephone No. (Include Area Code) 775-853-9776	
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature 	3. Title President		
4. Typed Name Gary Gaumer	5. Date September 30, 2010		



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Gary E. Gaumer  
Preserve International  
P.O. Box 17003  
Reno, NV 89511

Subject: Synergize  
EPA Registration No.: 66171-7  
Amendment Date: September 30, 2010  
EPA Receipt Date: October 12, 2010

NOV 2 2010

Dear Mr. Gaumer,

This letter acknowledges receipt of the notification identified above submitted under the provisions of the Federal Insecticide, Fungicide, and Rodenticide Act (FIRRA), as amended and PR Notice 98-10.

Notification to add Alternate Brand Names:

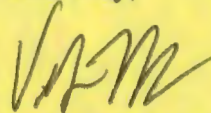
- "Synergize Orange" and "Synergize Orange NF"

Based on a review of the submitted information this notification is acceptable. This notification will be made part of the record for this file.

#### General Comments

Should you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,



Velma Noble.  
Product Manager (31).  
Regulatory management Branch I.  
Antimicrobials Division (7510P)

7510P-T Lantz: 11/1/10: 66171-7 notification CONCURRENCES							
SYMBOL	7510P						
SURNAME	J. Lantz						
DATE	11/1/10						



<b>A</b>	Completed by Product Manager									
PRODUCT REVIEWER: <i>Tracy</i>								RMB <u>  1  </u> TEAM <u>  31  </u>		
Description of Action: <i>Notification</i>								EPA File Symbol/Reg No. <i>66171-7</i>		
Decision No. <i>441290</i>				Submission No. <i>884346</i>				Fee for Service Action Code:		
FQPA Action Code: <i>332</i>				Non-FQPA Action Code:				PRIA FEE AMOUNT: \$		
				MONTH		DAY		YEAR		
APPLICATION DATE				<i>9</i>		<i>30</i>		2010		
EPA PIN DATE				<i>10</i>		<i>12</i>		2010		
DATE PM RECEIVED FROM FRONT END								2010		
Date sent to Reviewer								2010		
DATE SENT TO SCIENCE								2010		
DATE RECEIVED FROM SCIENCE										
<del>PM</del> DUE DATE				<i>11</i>		<i>11</i>		<i>2010</i>		NEGOTIATED DUE DATE
Type of Data:	PSB Product Chemistry	PSB Acute Toxicology	PSB Efficacy	RASSB Environmental Fate		RASSB Ecological Effects		RASSB Chronic Toxicology	RASSB Exposure/Residue	
<b>COMMENTS:</b> <div style="font-size: 1.2em; margin-top: 10px;"><i>Notification - Give to Tracy</i></div> <div style="margin-left: 100px;"><i>Alternate Brand Names</i></div>										
<b>ATTACHMENTS:</b> <input checked="" type="checkbox"/> LABELING <input type="checkbox"/> CSF(S) <input type="checkbox"/> DATA <input type="checkbox"/> OTHERS										
DATE FEE PAID:					RESPONSE CODE: _____			RESPONSE DATE: _____		





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**Tennessee Operation** 1213 Empire Avenue, Memphis, TN 38107 • Bus: (901) 272-0031 • Fax: (901) 726-6446  
September 30, 2010

Ms. Velma Noble  
Office of Pesticides Programs (7504C)  
United States Environmental Protection Agency (AMEND)  
Ariel Rios Building  
1200 Pennsylvania Avenue, N.W.  
Washington, DC 20460

Dear Ms. Noble:

Preserve International hereby submits this notification for Alternate Brand Name for Synergize, EPA registration number 66171-7.

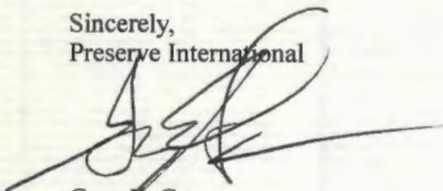
Alternate Brand Name requested: Synergize Orange  
Alternate Brand Name requested: Synergize Orange NF

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

If I may be of further assistance, please feel free to contact me at 775-853-9776.

Thank you for your time and consideration.

Sincerely,  
Preserve International



Gary E. Gaumer  
President





United States  
Environmental Protection Agency  
Washington, DC 20460

☐ Registration  
☐ Amendment  
☒ Other

OPP Identifier Number

## Application for Pesticide - Section I

1. Company/Product Number 66171-7	2. EPA Product Manager Ms. Velma Noble	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Synergize	PM# 31	
5. Name and Address of Applicant (Include ZIP Code) Preserve International PO Box 17003 Reno, NV 89511  <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

## Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input checked="" type="checkbox"/> Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)  
Notification for Alternate Brand Names:

Synergize Orange  
Synergize Orange NF

## Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 275g,250g,55g,30g,15g,5g,4x1g		5. Location of Label Directions <input checked="" type="checkbox"/> On Label	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input checked="" type="checkbox"/> Other Sleeve		

## Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)				
Name Gary Gaumer		Title President		Telephone No. (Include Area Code) 775-853-9776
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.				6. Date Application Received (Stamped)
2. Signature 		3. Title President		
4. Typed Name Gary Gaumer		5. Date September 30, 2010		



# Material to be added to an e-Jacket/Jacket

Reg. No. 66171-7

1. ☐ Placement within the e-Jacket/jacket:

- ☐ Default: (chronological, top/newest)
  - ☐ Description: (PDF page number, i.e., "before page 45")
- \_\_\_\_\_
- \_\_\_\_\_

2. ☐ Send to Data Extraction contractors this material:

- ☐ Newly stamped accepted label
- ☐ Notification
- ☐ New CSF
- ☐ Other: \_\_\_\_\_

*Please  
return  
to file  
room*

3. Attach this coversheet to the top of the material or jacket. It must be well organized and clipped together, NOT STAPLED. Then give the material with this coversheet to staff in the Information Services Center (Room S-4900).

Reviewer's Name: Tracy Lantz

Phone: 703 308 6415 Division: AD

Date: 11/10/10

Created January 26, 2009





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

JUL 23 2010

Mr. Gary E. Gaumer  
President  
Preserve International  
P.O. Box 17003  
Reno, NV 89511

Subject: Synergize  
EPA Registration No.: 66171-7  
Application Date: April 23, 2010  
EPA Receipt Date: April 26, 2010

Dear Mr. Gary E. Gaumer

The following amendment submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) as amended, is acceptable with the conditions listed below.

**Proposed Amendment**

- Revise label per Agency letter dated March 30, 2010

**Conditions**

Revise the label as follows:

1. On page two of the label revise the heading "Sanitizing Hatchery Rooms, Incubators and Hatcheries, Poultry Houses and Livestock Buildings By Fogging" by deleting the word *Sanitizing*

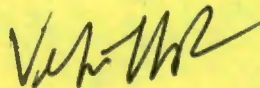
A stamped copy of the label accepted with conditions is enclosed. Submit three (3) copies of your final printed label before distributing or selling the product bearing the revised labeling.

CONCURRENCES							
SYMBOL							
DATE							



Should you have any questions or comments concerning this letter, please contact Velma Noble at 703-308-6233

Sincerely,

A handwritten signature in black ink, appearing to read 'Velma Noble', with a stylized, cursive script.

Velma Noble  
Product Manager (31)  
Regulatory Management Branch I  
Antimicrobials Division (7510C)

Enclosures: Stamped Label



## DESCRIPTION

SYNERGIZE is a multi-purpose disinfectant-cleaner. SYNERGIZE provides a broad spectrum kill of gram negative and gram positive microorganisms. SYNERGIZE provides effective disinfecting and cleaning in one operation. SYNERGIZE is effective in warm, soft or hard water (as much as 1000 ppm CaCO<sub>3</sub>) and performs especially well in areas containing 5% serum.

SYNERGIZE is for use on glazed ceramic and tile surfaces, stainless steel, aluminum, chrome, galvanized metal, tin, brass, zinc, glass, hard non-porous treated wood, polyethylene, polypropylene, PVC (polyvinyl chloride), vinyl, sealed fiberglass, viton, ethylene propylene, nitrile, acrylic and polyurethane.

## DIRECTIONS FOR USE:

It is in violation of Federal Law to use this product in a manner inconsistent with its labeling. Registered for disinfecting and cleaning hard non-porous surfaces. Not for use on feed, food or litter.

SYNERGIZE cleaner-disinfectant is specifically formulated for industrial use in the following Animal and Poultry Housing facilities: Turkey, Breeder, Grow Out, Fryer, Layer, Hatcheries and Swine Producing Facilities as well as the following equipment in these facilities: Waterers, Feeders, Hauling Equipment, Dressing Plants, Loading Equipment, Farrowing Barns, Nurseries, Blocks, Creep Areas, and Chutes. This product is also for use in Farm Premise, Equine Facilities, Veal Barns, Ratite Facilities (Ostrich, Emu and Rhea Facilities), Calf Pens and associated Farm Vehicles.

## USE DIRECTIONS:

To disinfect and clean hard non-porous surfaces of walls, floors, tables, sinks, refrigerator exteriors, telephone booths and garbage cans in non-animal areas associated with the sites noted above. Apply a solution of 1/2 ounce SYNERGIZE per gallon water (dilute 1:256) to pre-cleaned surfaces. Apply with cloth, sponge, mop or mechanical coarse spray device. Making sure all surfaces are wetted thoroughly. Allow surfaces to remain wet for 10 minutes. All surfaces must be rinsed with clean water and allowed to dry before reuse.

**BOOT/SHOE WASH:** To prevent cross contamination into animal areas, shoe baths containing one inch of freshly made disinfecting solution should be placed at all entrances to building. Scrape waterproof shoes or boots and place in a 1/2 ounce SYNERGIZE per gallon water solution. Allow the solution to come in contact with the boot/shoe for 10 minutes. Change the disinfecting solution when solution becomes visibly dirty.

**VEHICLES:** To disinfect the non-porous, hard surfaces of vehicles use a solution of 1/2 ounce SYNERGIZE per gallon of water. Apply using a high pressure or coarse spray system. Leave all treated surfaces exposed to solution for 10 minutes, or more and allow to air dry. All treated surfaces that will contact feed or drinking water must be thoroughly scrubbed with soap or detergent then rinsed with potable water before reuse.

## DIRECTIONS FOR USE IN SWINE PRODUCING FACILITIES:

- 1) Remove all animals and feed from the premises, vehicles and enclosures.
- 2) Empty all troughs, racks, and other feeding and watering appliances.
- 3) Remove all gross soil, bedding, manure, caked on dirt, spider webs, etc. from walls to ceilings of barns, pens, stalls, chutes, and other facilities occupied or traversed by hogs or other animals.
- 4) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 5) Thoroughly saturate all surfaces with a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256), using conventional spraying methods.
- 6) Allow all treated areas to remain in contact with this solution for at least 10 minutes.
- 7) Immerse equipment used in handling and restraining animals, forks, shovels, and scrapers used for removing manure in SYNERGIZE at a dilution of 1:256. Allow to remain in contact for at least 10 minutes.
- 8) Ventilate buildings, and other closed spaces. Do not house swine or other livestock until treatment has been absorbed, set, or dried.
- 9) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

## DIRECTIONS FOR USE IN FARM PREMISES, EQUINE FACILITIES, VEAL BARN, RATITE FACILITIES, CALF PENS AND VEHICLES:

- 1) Do not use in milking stalls, milking parlors, or milk houses.
- 2) Remove all animals and feed from the premises, vehicles, and enclosures.
- 3) Remove all gross soil, bedding, manure, caked on dirt, spider webs, etc. from floors, surfaces, and from walls to ceiling of barns, pens, stalls, chutes, and other facilities occupied or traversed by hogs or other animals.
- 4) Empty all troughs, racks, and other feeding and watering appliances.
- 5) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 6) Thoroughly saturate all surfaces with a solution of 1/2 of SYNERGIZE per gallon of water (1:256), using conventional spraying methods. Allow to remain in contact with this solution for at least 10 minutes.

Manufactured by:

**PRESERVE**  
INTERNATIONAL

Reno, NV 89511 • (800) 995-1607 • [www.preserveinternational.com](http://www.preserveinternational.com)

Page 1 of 2

# SYNERGIZE

## CLEANER-DISINFECTANT

Synergize cleaner-disinfectant is specifically formulated for industrial use in the following Animal and Poultry Housing facilities: Turkey, Breeder, Grow Out, Fryer, Layer, Hatcheries and Swine Producing Facilities as well as the following equipment in these facilities: Waterers, Feeders, Hauling Equipment, Loading Equipment, Farrowing Barns, Nurseries, Blocks, Creep Areas, and Chutes. This product is also for use in Farm Premise, Equine Facilities, Veal Barns, Ratite Facilities (Ostrich, Emu and Rhea Facilities), Calf Pens and associated Farm Vehicles.

## Active Ingredients:

Alkyl (C12 67%, C14 25%, C16 7%, C18 1%) dimethyl benzyl ammonium chloride.....	26.00%
Glutaraldehyde.....	7.00%
Inert Ingredients.....	67.00%
TOTAL.....	100.00%

## KEEP OUT OF REACH OF CHILDREN DANGER

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

See First Aid statement and additional precautions on side panel

7) Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels and scrapers used for removing manure in a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256). Allow to remain in contact for 10 minutes.

8) Ventilate buildings, cars, boats, coops and other closed spaces. Do not house poultry or livestock or employ equipment until treatment has been absorbed, set or dried.

9) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

## DIRECTIONS FOR USE IN POULTRY HOUSE:

- 1) Remove all poultry and feeds from premises, trucks, coops, and crates.
- 2) Remove all litter and droppings from floors, walls and surfaces of facilities occupied or traversed by poultry.
- 3) Empty all troughs, racks, and other feeding and watering appliances.
- 4) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 5) Saturate surfaces with 1/2 ounce SYNERGIZE per gallon water (dilute 1:256) for a period of 10 minutes.
- 6) Ventilate building, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set, or dried.
- 7) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

EPA Reg. No.

EPA Est.

Patent Number:

Batch No: \_\_\_\_\_

Net Contents: \_\_\_\_\_

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

JUL 23 2010

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No.

66171-7

66171-TN-001, 66171-CA-001

5,891,922

66171-7

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed, by storage and disposal.

## PESTICIDE STORAGE:

Store away from heat. Do not transfer to another container. Do not reuse empty container.

## PESTICIDE DISPOSAL:

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instruction, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**Container Handling:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available, or offer for reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

(For greater than 5 gallons) Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. **Dispose of rinsate as noted in the pesticide disposal section.** Repeat this procedure two more times. (For 5 gallons or less) Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. **Dispose of rinsate as noted in the pesticide disposal section.** Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

**General:** Consult Federal, State or local disposal authorities for approved alternative procedures.

## PRECAUTIONARY STATEMENTS

Hazards to humans and domestic animals

## DANGER

**KEEP OUT OF REACH OF CHILDREN.** Corrosive. Causes irreversible eye damage and skin burns. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Do not breathe spray mist. Wear goggles or face shield. Wear a dust/mist/filtering respirator (MSHA/NIOSH approval number prefix TC-21C) or a NIOSH approved respirator with any N, R, P, or HE prefilter. Wear protective clothing and rubber gloves. Prolonged or frequent repeated skin contact may cause allergic reaction in some individuals. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish aquatic invertebrates, oysters, and shrimp. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other water unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

## FIRST AID

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes; remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye; call a poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing; rinse skin immediately with plenty of water for 15-20 minutes; call a poison control center or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible; call a poison control center or doctor for further treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice; have person sip a glass of water if able to swallow; do not induce vomiting unless told to do so by the poison control center or doctor; do not give anything by mouth to an unconscious person.

**HOT LINE NUMBER:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1 (800) 255-3924 for emergency medical treatment information. For information on this pesticide (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1 (800) 858-7378.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.



# SYNERGIZE

## Sanitizing Hatchery Rooms, Incubators and Hatchers, Poultry Houses and Livestock Buildings By Fogging:

Fogging is to be used as an adjunct prior to acceptable manual cleaning and disinfecting of room surfaces. Fogging is not used as a sanitizing treatment. Close room off so fog is confined to room to be treated. Wear a dust mist respirator when mixing the use solution and pouring it into the fogging apparatus.

### A) HATCHERY ROOMS:

Remove all animals and feed from premises, vehicles and enclosures. Close room off so fog is confined to room to be treated. Prepare a stock solution of one (1) part SYNERGIZE to four (4) parts water (25 Fluid ounces SYNERGIZE to 100 fluid ounces water). Insert the nozzle of the fogging device through a suitable opening in be room. With the setting on maximum output, fog 125 fluid ounces for each 1000 cubic yards. Do not allow people to breathe or contact the fog or to enter the room until the fog has completely settled or exhausted. Normally this is 1-4 hours in this environment.

### B) INCUBATORS AND HATCHERS:

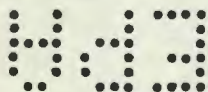
Only for treatment of setters and hatchers after poultry / chicks / eggs have been removed. Not for treatment of hatchers which contain chicks / eggs. Prepare a stock solution of one (1) part SYNERGIZE to four (4) parts water. Fog three (3) ounces per 100 cubic feet of this fogging solution into setters and hatchers immediately after transfer. Repeat daily. Discontinue Hatcher treatments approximately 24 hours before pulling the hatch. Do not allow people to contact or breathe this fog and do not enter machines until the fog has settled (30-60 minutes after fogging is completed). To do this, install permanent fogging nozzles in setters and hatchers and use an air compressor to disperse the sanitizing solution as a fog. It is also satisfactory to fog setters and hatchers with a 1:1000 solution of SYNERGIZE. If this is done, fog for 30-90 seconds once per hour or once every two hours.

### Poultry Houses and Livestock Buildings:

The house has been depopulated and cleaned as in "Directions for use in farm premises. equine facilities, veal barns, ratite facilities, calf pens and vehicles, double check to be sure all people, poultry, livestock and pets have vacated the building. Close all windows, doors, curtains, etc. making the house as closed as possible. Prepare a stock solution of one (1) part SYNERGIZE to four (4) parts water (25 fluid ounces SYNERGIZE to 100 fluid ounces water). Insert the nozzle of the fogging device through a suitable opening in the room. With the setting on maximum output, for 125 fluid ounces for each 1000 cubic yards. The Fogger itself may be placed just inside the door of the building to be treated, or the nozzle of the fogger may be inserted through a suitable opening in the door or building. The opening should be just large enough to accommodate the nozzle. After fogging, the building should be kept closed for twenty-four (24) hours. After twenty-four (24) hours, the fog should have settled and the house can now be opened and aired. The house should be opened for a minimum of twenty-four (24) hours before it is repopulated with poultry or livestock.

**NOTE:** The generated fog is very irritating to eyes, skin, and mucous membranes. Under no circumstances should a room or building be entered by anyone until the fog has completely settled. A reentry time of two (2) hours is required. If the building or room must be entered, then the individuals entering the building or room must wear a self contained respirator approved by NIOSH/MSH, goggles, long sleeve shirt and pants. If feeders and waterers were not removed from the premises during treatment, or were not adequately covered to prevent contact with the treatment, they should be washed with detergent and water before use for poultry or livestock.

Staphylococcus aureus A.T.C.C. 6538  
Pseudomonas aeruginosa A.T.C.C. 15442  
Salmonella enterica A.T.C.C. 10708  
Aspergillus fumigatus A.T.C.C. 36607  
Porcine Respiratory & Reproductive Syndrome Virus (PRRS)  
Avian Influenza (H3N2)  
Escherichia Coli F18  
Porcine circovirus Type 2



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Page 2 of 2

## DOT SHIPPING NAME

Corrosive Liquid, Acidic,  
Inorganic, n.o.s.  
(Phosphoric Acid), 8, UN3264, PG III





**World Headquarters** 1355 Paulson Road, Turlock, CA 95380 • Bus: (209) 664-1607 • Fax: (209) 664-1728 • USA: (800) 995-1607  
**Tennessee Operation** 1213 Empire Avenue, Memphis, TN 38107 • Bus: (901) 272-0031 • Fax: (901) 726-6446

April 20, 2010

Ms. Velma Noble  
Office of Pesticides Programs (7504C)  
United States Environmental Protection Agency (AMEND)  
Ariel Rios Building  
1200 Pennsylvania Avenue, N.W.  
Washington, DC 20460

Dear Ms. Noble:

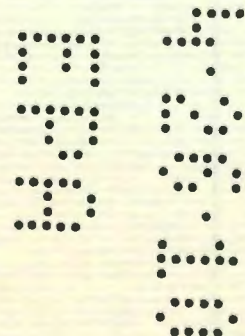
The attached label addresses all issues raised in your March 30, 2010 letter. For your reference, we have highlighted one copy reflecting the required changes.

If I may be of further assistance, please feel free to contact me at 775-853-9776.

Thank you for your time and consideration.

Sincerely,  
Preserve International

Gary E. Gaumer  
President





Gary E. Gaumer  
 Preserve International  
 P.O. Box 17003  
 Reno, NV 89511

MAR 30 2010

Subject: Synergize  
 EPA Registration No.: 66171-7  
 Amendment Date: December 16, 2009  
 EPA Receipt Date: December 30, 2009

Dear Mr. Gaumer,

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is unacceptable due to the concerns listed below:

- Revise directions for fogging
- Adding directions to sanitize egg shells

### Deficiencies

The cited label for 71355-1 was approved in 2005 prior to the ADBAC RED and thus is not in agreement with the RED. Your last stamped label included this use for fogging in animal premise. The comments in the letter accompanying your stamped label dated 6/24/09 were intended to bring your label into agreement with the label comments in the RED for fogging. The proposed revised fogging directions are not in agreement with our comments of 6/24/09 nor are they in agreement with the RED. The following revisions as per the RED have not been addressed:

- When sanitizing incubators and hatchers label must include the following text: Only for treatment of setters and hatchers after poultry/chicks/eggs have been removed. Not for treatment of hatchers which contain chicks/eggs.
- When sanitizing hatchery rooms label must include the following text: Remove all animals and feed from premise, vehicles and enclosures.

### CONCURRENCES

SYMBOL	7510P							
SURNAME	J. L. L. L.							
DATE	3/29/10							



- Fogging applications must include a 2 hour Reentry Interval
- Your label must indicate that a dust mist respirator must be worn when diluting the product into the fogging equipment.
- In addition, as per your last stamped label, include language to indicate that fogging is to be used as an adjunct prior to acceptable manual cleaning and disinfecting on room surfaces. Fogging is not used as a sanitizing treatment.

### Other Concerns

Your label identifies a website. Should you wish to retain a reference to the company's website on your label, then please be aware that such a reference transforms the website into labeling under the Federal Insecticide Fungicide and Rodenticide Act sec 2 (p) (2) and then the website is subject to review by the Agency. If the website content is false or misleading, the product would be misbranded and its sale or distribution unlawful to sell or distribute under FIFRA section 12(a)(1)(E). In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Although EPA has not yet determined the extent to which it will routinely review company websites, if the Agency finds or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from claims approved through the registration process, the website may be referred to the EPA's Office of Enforcement and Compliance Assurance.

In addition, revise the label to include the follows changes:

- 1) Your product is not cleared as a food contact sanitizer. You have proposed that this product be used to sanitize eggs shells intended for food. In your reply to this letter, indicate the study, by MRID that is being used to support this claim. Please also be aware that all ingredients, active and inert in your formula must be cleared for use in food as per 40 CFR 180.940. As such all of the inert ingredients in your formulation must be cleared for use in food. If any inert does not have a tolerance or tolerance exemption under 408 and the product includes a food use on the label, then that inert is not approved for use in the product. If the inert is on the FDA GRAS list we would still not approve it for use on food unless there is a tolerance or tolerance exemption under 408. Should you decide to pursue this use, submit a revised Basic CSF for review. Indicate the specific 40 CFR or FIFRA 408/409 references for each of the ingredients in your formulation.
- 2) Propose revised Container Handling directions which are in agreement with a product such as yours with claims for public health pests. The container rinsate should not be emptied into the application equipment as this would produce an unknown dilution that would not be efficacious. The rinsate should be disposed of as pesticide waste.

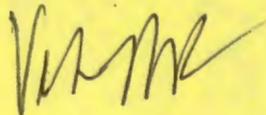
CONCURRENCES							
SYMBOL							
SURNAME							
DATE							



**General Comments**

Please include a copy of this letter with your revised amendment. Should you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,



Velma Noble  
Product Manager (31)  
Regulatory Management Branch I  
Antimicrobials Division (7510P)

7510P:T.Lantz:3/29/2010:66171-7j

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							



## DESCRIPTION

SYNERGIZE is a multi-purpose disinfectant-cleaner. SYNERGIZE provides a broad spectrum kill of gram negative and gram positive microorganisms. SYNERGIZE provides effective disinfecting and cleaning in one operation. SYNERGIZE is effective in warm, soft or hard water (as much as 1000 ppm CaCO<sub>3</sub>) and performs especially well in areas containing 5% serum.

SYNERGIZE is for use on glazed ceramic and tile surfaces, stainless steel, aluminum, chrome, galvanized metal, tin, brass, zinc, glass, hard non-porous treated wood, polyethylene, polypropylene, PVC (polyvinyl chloride), vinyl, sealed fiberglass, viton, ethylene propylene, nitrile, acrylic and polyurethane.

## DIRECTIONS FOR USE:

It is in violation of Federal Law to use this product in a manner inconsistent with its labeling. Registered for disinfecting and cleaning hard non-porous surfaces. Not for use on feed, food or litter.

SYNERGIZE cleaner-disinfectant is specifically formulated for industrial use in the following Animal and Poultry Housing facilities: Turkey, Breeder, Grow Out, Fryer, Layer, Hatcheries and Swine Producing Facilities as well as the following equipment in these facilities: Waterers, Feeders, Hauling Equipment, Dressing Plants, Loading Equipment, Farrowing Barns, Nurseries, Blocks, Creep Areas, and Chutes. This product is also for use in Farm Premises, Equine Facilities, Veal Barns, Ratite Facilities (Ostrich, Emu and Rhea Facilities), Calf Pens and associated Farm Vehicles.

## USE DIRECTIONS:

To disinfect and clean hard non-porous surfaces of walls, floors, tables, sinks, refrigerator exteriors, telephone booths and garbage cans in non-animal areas associated with the sites noted above. Apply a solution of 1/2 ounce SYNERGIZE per gallon water (dilute 1:256) to pre-cleaned surfaces. Apply with cloth, sponge, mop or mechanical coarse spray device, making sure all surfaces are wetted thoroughly. Allow surfaces to remain wet for 10 minutes. All surfaces must be rinsed with clean water and allowed to dry before reuse.

**BOOT/SHOE WASH:** To prevent cross contamination into animal areas, shoe baths containing one inch of freshly made disinfecting solution should be placed at all entrances to building. Scrape waterproof shoes or boots and place in a 1/2 ounce SYNERGIZE per gallon water solution. Allow the solution to come in contact with the boot/shoe for 10 minutes. Change the disinfecting solution when solution becomes visibly dirty.

**VEHICLES:** To disinfect the non-porous, hard surfaces of vehicles use a solution of 1/2 ounce SYNERGIZE per gallon of water. Apply using a high pressure or coarse spray system. Leave all treated surfaces exposed to solution for 10 minutes, or more and allow to air dry. All treated surfaces that will contact feed or drinking water must be thoroughly scrubbed with soap or detergent then rinsed with potable water before reuse.

## DIRECTIONS FOR USE IN SWINE PRODUCING FACILITIES:

- 1) Remove all animals and feed from the premises, vehicles and enclosures.
- 2) Empty all troughs, racks, and other feeding and watering appliances.
- 3) Remove all gross soil, bedding, manure, caked on dirt, spider webs, etc. from walls to ceilings of barns, pens, stalls, chutes, and other facilities occupied or traversed by hogs or other animals.
- 4) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 5) Thoroughly saturate all surfaces with a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256), using conventional spraying methods.
- 6) Allow all treated areas to remain in contact with this solution for at least 10 minutes.
- 7) Immerse equipment used in handling and restraining animals, forks, shovels, and scrapers used for removing manure in SYNERGIZE at a dilution of 1:256. Allow to remain in contact for at least 10 minutes.
- 8) Ventilate buildings, and other closed spaces. Do not house swine or other livestock until treatment has been absorbed, set, or dried.
- 9) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

## DIRECTIONS FOR USE IN FARM PREMISES, EQUINE FACILITIES, VEAL BARN, RATITES FACILITIES, CALF PENS AND VEHICLES:

- 1) Do not use in milking stalls, milking parlors, or milk houses.
- 2) Remove all animals and feed from the premises, vehicles, and enclosures.
- 3) Remove all gross soil, bedding, manure, caked on dirt, spider webs, etc. from floors, surfaces, and from walls to ceiling of barns, pens, stalls, chutes, and other facilities occupied or traversed by hogs or other animals.
- 4) Empty all troughs, racks, and other feeding and watering appliances.
- 5) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 6) Thoroughly saturate all surfaces with a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256), using conventional spraying methods. Allow to remain in contact with this solution for at least 10 minutes.

Manufactured by:

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Page 1 of 2

# SYNERGIZE

## CLEANER-DISINFECTANT

Synergize cleaner-disinfectant is specifically formulated for industrial use in the following Animal and Poultry Housing facilities: Turkey, Breeder, Grow Out, Fryer, Layer, Hatcheries and Swine Producing Facilities as well as the following equipment in these facilities: Waterers, Feeders, Hauling Equipment, Loading Equipment, Farrowing Barns, Nurseries, Blocks, Creep Areas, and Chutes. This product is also for use in Farm Premises, Equine Facilities, Veal Barns, Ratite Facilities (Ostrich, Emu and Rhea Facilities), Calf Pens and associated Farm Vehicles.

## Active Ingredients:

Alkyl (C12 67%, C14 25%, C16 7%, C18 1%) dimethyl benzyl ammonium chloride.....	26.00%
Glutaraldehyde.....	7.00%
Inert Ingredients.....	67.00%
<b>TOTAL.....</b>	<b>100.00%</b>

## KEEP OUT OF REACH OF CHILDREN DANGER

### SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

See First Aid statement and additional precautions on side panel

- 7) Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels and scrapers used for removing manure in a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256). Allow to remain in contact for 10 minutes.
- 8) Ventilate buildings, cars, boats, coops and other closed spaces. Do not house poultry or livestock or employ equipment until treatment has been absorbed, set or dried.
- 9) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

## DIRECTIONS FOR USE IN POULTRY HOUSE:

- 1) Remove all poultry and feeds from premises, trucks, coops, and crates.
- 2) Remove all litter and droppings from floors, walls and surfaces of facilities occupied or traversed by poultry.
- 3) Empty all troughs, racks, and other feeding and watering appliances.
- 4) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 5) Saturate surfaces with 1/2 ounce SYNERGIZE per gallon water (dilute 1:256) for a period of 10 minutes.
- 6) Ventilate building, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set, or dried.
- 7) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

## SANITIZING EGG SHELLS INTENDED FOR FOOD DIRECTIONS:

To sanitize previously cleaned food-grade eggs in shell egg and egg product processing plants, spray with a solution of 1/4 ounce of this product per 5 gallons of warm water (or equivalent use dilution) (200 ppm active). The solution must be warmer than the eggs, but not to exceed 130°F. Wet eggs thoroughly and allow to drain. Eggs sanitized with this product must be subjected to a potable water rinse only if they are to be broken immediately for use in the manufacture of egg products. Eggs must be reasonably dry before casing or breaking. The solution must not be re-used for sanitizing eggs.

**Note:** Only clean, whole eggs can be sanitized. Dirty, cracked or punctured eggs cannot be sanitized.

EPA Reg. No.  
EPA Est.  
Patent Number:

66171-7  
66171-TN-001, 66171-CA-001  
5,891,922

Batch No: \_\_\_\_\_

Net Contents: \_\_\_\_\_

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed, by storage and disposal.

## PESTICIDE STORAGE:

Store away from heat. Do not transfer to another container. Do not reuse empty container.

## PESTICIDE DISPOSAL:

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instruction, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**Container Handling:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available, or offer for reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. (For greater than 5 gallons) Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. (For 5 gallons or less) Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

**General:** Consult Federal, State or local disposal authorities for approved alternate procedures.

## PRECAUTIONARY STATEMENTS

Hazards to humans and domestic animals

## DANGER

**KEEP OUT OF REACH OF CHILDREN.** Corrosive. Causes irreversible eye damage and skin burns. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Do not breathe spray mist. Wear goggles or face shield. Wear a dust/mist/filtering respirator (MSHA/NIOSH approval number prefix TC-21C) or a NIOSH approved respirator with any N, P, R, or HE prefilter. Wear protective clothing and rubber gloves. Prolonged or frequent repeated skin contact may cause allergic reaction in some individuals. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish aquatic invertebrates, oysters, and shrimp. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other water unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

## FIRST AID

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing; rinse skin immediately with plenty of water for 15-20 minutes; call a poison control center or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible; call a poison control center or doctor for further treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice; have person sip a glass of water if able to swallow; do not induce vomiting unless told to do so by the poison control center or doctor; do not give anything by mouth to an unconscious person.

**HOT LINE NUMBER:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1 (800) 255-3924 for emergency medical treatment information. For information on this pesticide (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1 (800) 858-7378.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.



# SYNERGIZE

## SANITIZING HATCHERY ROOMS, INCUBATORS AND HATCHERS, POULTRY HOUSES AND LIVESTOCK BUILDINGS BY FOGGING

**A) HATCHERY ROOMS:** Close room off so fog is confined to room to be treated. Prepare a stock solution of one (1) part SYNERGIZE to four (4) parts water (25 Fluid ounces SYNERGIZE to 100 fluid ounces water). Insert the nozzle of the fogging device through a suitable opening in be room. With the setting on maximum output, fog 125 fluid ounces for each 1000 cubic yards. Do not allow people to breathe or contact the fog or to enter the room until the fog has completely settled or exhausted. Normally this is 1-4 hours in this environment.

**NOTE:** The generated fog is very irritating to eyes, skin, and mucous membranes. Under no circumstances should a room or building be entered by anyone until the fog has completely settled, normally 1-4 hours after the actual fogging. If the building or room must be entered, then the individuals entering the building or room must wear a self contained respirator approved by NIOSH/MSHA, goggles, long sleeve shirt and pants.

**B) INCUBATORS AND HATCHERS:** Prepare a stock solution of one (1) part SYNERGIZE to four (4) parts water. Fog three (3) ounces per 100 cubic feet of this fogging solution into setters and hatchers immediately after transfer. Repeat daily. Discontinue Hatcher treatments approximately 24 hours before pulling the hatch. Do not allow people to contact or breathe this fog and do not enter machines until the fog has settled (30-60 minutes after fogging is completed). To do this, install permanent fogging nozzles in setters and hatchers and use an air compressor to disperse the sanitizing solution as a fog.

It is also satisfactory to fog setters and hatchers with a 1:1000 solution of SYNERGIZE. If this is done, fog for 30-90 seconds once per hour or once every two hours.

**C) POULTRY HOUSES AND LIVESTOCK BUILDINGS:** After the house has been depopulated and cleaned as in 1. A to F under "Disinfection of non-food surfaces, farm, animal, and poultry housing facilities and equipment", double check to be sure all people, poultry, livestock and pets have vacated the building. Close all windows, doors, curtains, etc. making the house as closed as possible. Prepare a stock solution of one (1) part SYNERGIZE to four (4) parts water (25 fluid ounces SYNERGIZE to 100 fluid ounces water). Insert the nozzle of the fogging device through a suitable opening in the room. With the setting on maximum output, for 125 fluid ounces for each 1000 cubic yards. The Fogger itself may be placed just inside the door of the building to be treated, or the nozzle of the fogger may be inserted through a suitable opening in the door or building. The opening should be just large enough to accommodate the nozzle. After fogging, the building should be kept closed for twenty-four (24) hours. After twenty-four (24) hours, the fog should have settled and the house can now be opened and aired. The house should be opened for a minimum of twenty-four (24) hours before it is repopulated with poultry or livestock.

**NOTE:** The generated fog is very irritating to eyes, skin, and mucous membranes. Under no circumstances should a room or building be entered by anyone until the fog has completely settled, normally 1-4 hours after the actual fogging. If the building or room must be entered, then the individuals entering the building or room must wear a self contained respirator approved by NIOSH/MSH, goggles, long sleeve shirt and pants. If feeders and waterers were not removed from the premises during treatment, or were not adequately covered to prevent contact with the treatment, they should be washed with detergent and water before use for poultry or livestock.

Staphylococcus aureus A.T.C.C. 6538

Pseudomonas aeruginosa A.T.C.C. 15442

Salmonella enterica A.T.C.C. 10708

Aspergillus fumigatus A.T.C.C. 36607

Porcine Respiratory & Reproductive Syndrome Virus (PRRS)

Avian Influenza (H3N2)

Escherichia Coli F18

Porcine circovirus Type 2



Reno, NV 89511 • (800) 995-1607 • [www.preserveinternational.com](http://www.preserveinternational.com)

Page 2 of 2

### DOT SHIPPING NAME

Corrosive Liquid, Acidic,  
Inorganic, n.o.s.

(Phosphoric Acid), 8, UN3264, PG III



66171-7

6/24/2009

1 of 4

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

JUN 24 2009

Mr. Gary E. Gaumer  
Preserve International  
P. O. Box 17003  
Reno, NV 89511

Subject: **SYNERGIZE**  
EPA Registration Number 66171-7  
Application Dated March 20, 2009  
Received Date March 30, 2009

Dear Mr. Gaumer:

The following amendment submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable the conditions listed below.

**Proposed Amendment:**

Add hatching egg sanitizer directions

**Conditions**

Revise your label as follows:

1. Revise the "Boot/Shoe Wash" directions by deleting the phrase, "tracking harmful organisms," and stating "*to prevent cross contamination...*"
2. Revise the first statement under "Environmental Hazards" to be in agreement with the ADBAC RED by stating "*This pesticide is toxic to fish, aquatic invertebrates, oysters, and shrimp.*"
3. Delete the "Sanitizing Using a Thermal Fogger" heading and state "*Directions for Fogging Animal Premises.*"
4. Any ADBAC product supporting fogging directions for animal housing facilities and hatchery rooms must be revised to comply with the mitigation measures addressed in the ADBAC RED. You must add the statement, "*wear a dust mist respirator when mixing the use solution and pouring it into the fogging apparatus.*" Also, revise the second statement under "Note" to read:

SYMBOL							
SURNAME							
DATE							



"Under no circumstances ....within two hours of the actual fogging and a minimum of 4 air exchanges (ACH) per hour in the facility."

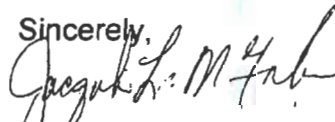
5. "Hatching Egg Sanitizer" directions are under the Food and Drug Administration's jurisdiction. If you would like to support these directions on your label, you must contact FDA and receive clearance from them. Once FDA clears your product for use as a hatching egg sanitizer, you must include a copy of FDA' letter with your resubmission.

**General Comments:**

A stamped copy of the acceptable labeling is enclosed. Submit one (1) copy of your final printed labeling before distributing or selling the product bearing the revised labeling.

Should you have any questions or comments concerning this letter, please contact Drusilla Copeland at (703) 308-6224 or Velma Noble at (703) 308-6233.

Sincerely,



Velma Noble  
Product Manager (31)  
Regulatory Management Branch I  
Antimicrobials Division (7510P)

Enclosure: stamped label

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							



## DESCRIPTION

SYNERGIZE is a multi-purpose disinfectant-cleaner. SYNERGIZE provides a broad spectrum kill of gram negative and gram positive microorganisms. SYNERGIZE provides effective disinfecting and cleaning in one operation. SYNERGIZE is effective in warm, soft or hard water (as much as 1000 ppm CaCO<sub>3</sub>) and performs especially well in areas containing 5% serum.

SYNERGIZE is for use on glazed ceramic and tile surfaces, stainless steel, aluminum, chrome, galvanized metal, tin, brass, zinc, glass, hard non-porous treated wood, polyethylene, polypropylene, PVC (polyvinyl chloride), vinyl, sealed fiberglass, viton, ethylene propylene, nitrile, acrylic and polyurethane.

## DIRECTIONS FOR USE:

It is in violation of Federal Law to use this product in a manner inconsistent with its labeling. Registered for disinfecting and cleaning hard non-porous surfaces. Not for use on feed, food or litter.

SYNERGIZE cleaner-disinfectant is specifically formulated for industrial use in the following Animal and Poultry Housing facilities: Turkey, Breeder, Grow Out, Fryer, Layer, Hatcheries and Swine Producing Facilities as well as the following equipment in these facilities: Waterers, Feeders, Hauling Equipment, Dressing Plants, Loading Equipment, Farrowing Barns, Nurseries, Blocks, Creep Areas, and Chutes. This product is also for use in Farm Premises, Equine Facilities, Veal Barns, Ratite Facilities (Ostrich, Emu and Rhea Facilities), Calf Pens and associated Farm Vehicles.

## USE DIRECTIONS:

To disinfect and clean hard non-porous surfaces of walls, floors, tables, sinks, refrigerator doors, telephone booths and garbage cans in non-animal areas associated with the noted above. Apply a solution of 1/2 ounce SYNERGIZE per gallon water (dilute 1:256) to pre-cleaned surfaces. Apply with cloth, sponge, mop or mechanical coarse spray device, making sure all surfaces are wetted thoroughly. Allow surfaces to remain wet for 10 minutes. All surfaces must be rinsed with clean water and allowed to dry before reuse.

**BOOT/SOUE WASH:** To prevent contamination into animal areas, shoe baths containing one inch of freshly made disinfecting solution should be placed at all entrances to building. Scrape waterproof shoes or boots and place in a 1/2 ounce SYNERGIZE per gallon water solution. Allow the solution to come in contact with the boot/shoe for 10 minutes. Change the disinfecting solution when solution becomes visibly dirty.

**VEHICLES:** To disinfect the non-porous, hard surfaces of vehicles use a solution of 1/2 ounce SYNERGIZE per gallon of water. Apply using a high pressure or coarse spray system. Leave all treated surfaces exposed to solution for 10 minutes, or more and allow to air dry. All treated surfaces that will contact feed or drinking water must be thoroughly scrubbed with soap or detergent then rinsed with potable water before reuse.

## DIRECTIONS FOR USE IN SWINE PRODUCING FACILITIES:

- 1) Remove all animals and feed from the premises, vehicles and enclosures.
  - 2) Empty all troughs, racks, and other feeding and watering appliances.
  - 3) Remove all gross soil, bedding, manure, caked on dirt, spider webs, etc. from walls to ceilings of barns, pens, stalls, chutes, and other facilities occupied or traversed by hogs or other animals.
  - 4) Thoroughly clean all surfaces with soap or detergent and rinse with water.
  - 5) Thoroughly saturate all surfaces with a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256), using conventional spraying methods.
  - 6) Allow all treated areas to remain in contact with this solution for at least 10 minutes.
  - 7) Immerse equipment used in handling and restraining animals, forks, shovels, and scrapers used for removing manure in SYNERGIZE at a dilution of 1:256. Allow to remain in contact for at least 10 minutes.
- Sanitize buildings, and other closed spaces. Do not house swine or other livestock until treatment has been absorbed, set, or dried.
- 9) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

## DIRECTIONS FOR USE IN FARM PREMISES, EQUINE FACILITIES, VEAL BARN, RATITES FACILITIES, CALF PENS AND VEHICLES:

- 1) Do not use in milking stalls, milking parlors, or milk houses.
- 2) Remove all animals and feed from the premises, vehicles, and enclosures.
- 3) Remove all gross soil, bedding, manure, caked on dirt, spider webs, etc. from floors, surfaces, and from walls to ceiling of barns, pens, stalls, chutes, and other facilities occupied or traversed by hogs or other animals.
- 4) Empty all troughs, racks, and other feeding and watering appliances.
- 5) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 6) Thoroughly saturate all surfaces with a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256), using conventional spraying methods. Allow to remain in contact with this solution for at least 10 minutes.

Manufactured by:

**PRESERVE**  
INTERNATIONAL

Reno, NV 89511 • (800) 995-1607 • [www.preserveinternational.com](http://www.preserveinternational.com)

# SYNERGIZE

## CLEANER-DISINFECTANT

Synergize cleaner-disinfectant is specifically formulated for industrial use in the following Animal and Poultry Housing facilities: Turkey, Breeder, Grow Out, Fryer, Layer, Hatcheries and Swine Producing Facilities as well as the following equipment in these facilities: Waterers, Feeders, Hauling Equipment, Loading Equipment, Farrowing Barns, Nurseries, Blocks, Creep Areas, and Chutes. This product is also for use in Farm Premises, Equine Facilities, Veal Barns, Ratite Facilities (Ostrich, Emu and Rhea Facilities), Calf Pens and associated Farm Vehicles.

## Active Ingredients:

Alkal (C12 67%, C14 25%, C16 7%, C18 1%) dimethyl benzyl ammonium chloride.....	26.00%
Glutaraldehyde.....	7.00%
Inert Ingredients.....	67.00%
TOTAL.....	100.00%

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER**  
See Side Panel for Additional Precautionary Statements

See First Aid statement and additional precautions on side panel

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed, by storage and disposal.

## PESTICIDE STORAGE:

Store away from heat. Do not transfer to another container. Do not reuse empty container

## CONTAINER DISPOSAL:

Plastic: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## PESTICIDE DISPOSAL:

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instruction, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

7) Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels and scrapers used for removing manure in a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256). Allow to remain in contact for 10 minutes.

8) Ventilate buildings, pens, stalls, chutes, and other closed spaces. Do not house poultry or livestock or employ equipment until treatment has been absorbed, set or dried.

9) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

## DIRECTIONS FOR USE IN POULTRY HOUSE:

- 1) Remove all poultry and feeds from premises, trucks, coops, and crates.
- 2) Remove all litter and droppings from floors, walls and surfaces of facilities occupied or traversed by poultry.
- 3) Empty all troughs, racks, and other feeding and watering appliances.
- 4) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 5) Saturate surfaces with 1/2 ounce SYNERGIZE per gallon water (dilute 1:256) for a period of 10 minutes.
- 6) Ventilate building, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set, or dried.
- 7) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other water unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

## SANITIZING USING A THERMAL FOGGER:

Fogging is to be used as an adjunct prior to acceptable manual cleaning and disinfecting of room surfaces. Close room off so fog is confined to room to be treated. Mix one (1) part SYNERGIZE to five (5) parts water. One (1) gallon of SYNERGIZE to four (5) gallons of water. Insert the nozzle of the fogger through a suitable opening into the room. With the setting on maximum output, fog for one (1) minute to reach 4,000 cubic feet of space in the room with the thermal fogger. Do not allow people to breathe or contact the fog or to enter the room until the fog has completely settled or exhausted. Normally this is 1-4 hours in this environment (less time if area is well ventilated).

\*NOTE: The fog generated by this method is very irritating to eyes, skin, and mucous membranes. Under no circumstances should a room or building be entered by anyone until the fog has completely settled, normally 1-4 hours after fogging. If the building or room must be entered, then the individuals entering the building or room must wear a self contained respirator approved by NIOSH/MSHA, goggles, long shirt sleeves and pants.

## DIRECTIONS FOR HATCHERY ROOM FOGGING:

Prior to fogging setters or hatchers, food products and packaging must be removed from the room or carefully protected. After cleaning, fog desired areas using one quart per 1000 cubic feet of room area with a product solution containing 0.25 to 1 ounce per gallon water. Vacate all areas of personnel and poultry and feeds for a minimum of 2 hours after fogging. All food contact surfaces, including feed troughs, automatic feeders, and fountains must be disinfected followed by treatment with soap and water or detergent and rinsed with potable water before reuse.

\*NOTE: The fog generated is very irritating to eyes, skin, and mucous membranes. Under no circumstances should a room or building be entered by anyone within two hours of the actual fogging. If the building or room must be entered, then the individuals entering the building must wear a self contained respirator approved by NIOSH/MSHA, goggles, long sleeves and long pants.

**FOGGING IS TO BE USED AS AN ADJUNCT TO ACCEPTABLE MANUAL CLEANING AND DISINFECTION OF ROOM AND MACHINE SURFACES.**

## PRECAUTIONARY STATEMENTS

Hazards to humans and domestic animals

## DANGER

**KEEP OUT OF REACH OF CHILDREN.** Corrosive. Causes irreversible eye damage and skin burns. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Do not breathe spray mist. Wear goggles or face shield. Wear a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C) or a NIOSH approved respirator with any N, P, R, or HE prefilter. Wear protective clothing and rubber gloves. Prolonged or frequent repeated skin contact may cause allergic reaction in some individuals. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

## FIRST AID

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes; remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye; call a poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing; rinse skin immediately with plenty of water for 15-20 minutes; call a poison control center or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible; call a poison control center or doctor for further treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice; have person sip a glass of water if able to swallow; do not induce vomiting unless told to do so by the poison control center or doctor; do not give anything by mouth to an unconscious person.

**HOT LINE NUMBER:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1 (800) 255-3924 for emergency medical treatment information. For information on this pesticide (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1 (800) 858-7378.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

## DOT SHIPPING NAME

Corrosive Liquid, Acidic,  
Inorganic, n.o.s.

(Phosphoric Acid), 8, UN3264, PG III

EPA Reg. No.  
EPA Est.  
Patent Number:

Batch No:

Net Contents:

66171-TN-001, 66171-CA-001  
5,891,922



Staphylococcus aureus A.T.C.C. 6538  
Pseudomonas aeruginosa A.T.C.C. 15442  
Salmonella enterica A.T.C.C. 10708  
Aspergillus fumigatus A.T.C.C. 36607  
Porcine Respiratory & Reproductive Syndrome Virus (PRRS)  
Avian Influenza (H3N2)  
Escherichia Coli F18  
Porcine circovirus Type 2

**HATCHING EGG SANITIZER:**

~~SYNERGEE is recommended for use as a hatching egg sanitizer, with best results being achieved in water temperatures ranging from 70°F to 140°F. The recommended dilution is 1/2 oz. per gallon of water (1:250), and may be applied through automatic washing systems, immersion tanks, foaming apparatus, low pressure sprayers, and fogging (wet misting) systems.~~

4044



**A**

<b>PRODUCT REVIEWER:</b> <i>Tracy</i>			<b>RMB I</b>	<b>TI</b>
<b>Description of Action:</b> <i>Label Amendment</i>			<b>EPA File Symbol/</b> <i>66171-7</i>	
<b>Decision No.</b> <i>426852</i>		<b>Submission No.</b> <i>864883</i>		<b>Fee for Service Action Code</b>
<b>FOPA Action Code:</b> <i>302</i>		<b>Non-FOPA Action Code:</b> <i>month</i> <i>Day</i>		<b>PRIA FEE AMOUNT:</b>
				<b>YEAR</b>
<b>APPLICATION DATE</b>		<i>12</i>	<i>16</i>	
<b>EPA PIN DATE</b>		<i>12</i>	<i>30</i>	
<b>DATE RISK MANAGER RECEIVED FROM FRONT END</b>				
<b>DATE SENT TO SCIENCE</b>				
<b>PRIA DUE DATE</b>		<i>3</i>	<i>30</i>	<i>2010</i>
<b>NEGOTIATED DUE DATE</b>				
<b>Type of Data:</b>	<b>PSB Product Chemistry</b>	<b>PSB Acute Toxicology</b>	<b>PSB Efficacy</b>	<b>RASSB Environmental Fate</b>
				<b>RASSB Ecological Effects</b>
				<b>RASSB Chronic Toxicology</b>

**Comments:**

*Label amendment - Come to Tracy for Revising fogging directions*

<b>ATTACHMENTS: LABELING</b>		<b>OTHERS</b>	
<b>B For Arctic Slope Contract Only</b>			
<b>Contract No:</b>		<b>ARCTIC SLOPE/MANAGER</b>	
<b>Final Task Signature</b>		<b>(Total hrs)</b>	
<b>C Reviewer Comments</b>			
<b>DATE FEE PAID:</b>		<b>RESPONSE CODE:</b>	<b>RESPONSE DATE:</b>





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

January 4, 2010

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

GARY GAUMER  
PRESERVE INTERNATIONAL  
PO Box 17003  
RENO, NV 89511-

PRODUCT NAME: SYNERGIZE  
COMPANY NAME: PRESERVE INTERNATIONAL  
OPP IDENTIFICATION NUMBER:  
EPA FILE SYMBOL: 66171-7  
EPA RECEIPT DATE: 12/30/09

SUBJECT: RECEIPT OF AMENDMENT

DEAR REGISTRANT:

The Office of Pesticide Programs has received your application for an amendment and it has passed an administrative screen for completeness.

During the initial screen we determined that the application appears to qualify for fast track review. The package will now be forwarded to the Product Manager for review to determine its acceptability for fast track status.

If you have any questions, please contact Antimicrobials Division, Risk Management Team 31, at (703) 308-6233.

Sincerely,

*P. K. Alcock*  
Front End Processing Staff  
Information Services Branch  
Information Technology & Resources Management Division



# Fee for Service

*plus*  
{864883N~

This package includes the following

☐ New Registration

☒ Amendment

☐ Studies? ☐ Fee Waiver?

☐ volpay % Reduction: \_\_\_\_\_

for Division

☒ AD

☐ BPPD

☐ RD

Risk Mgr.

31

Receipt No.

S- 864883

EPA File Symbol/Reg. No.

66171-7

Pin-Punch Date:

12/30/2009



This item is NOT subject to FFS action.

## Action Code:

Requested:

Granted:

Amount Due: \$ \_\_\_\_\_

## Parent/Child Decisions:

☒ Inert Cleared for Intended Use

☐ Uncleared Inert in Product

Reviewer: Team 1

Date: 1-4-10

Remarks:



APR 7 2005

Ms. Olivia Laird  
 Agent for Virocid  
 Laird's Regulatory Consultant, Inc.  
 7804 Braemar Place  
 Leesburg, VA 20175

Subject: Virocid  
 EPA Registration No. 71355-1  
 Amendment Date: November 18, 2004  
 EPA Receipt Date: November 19, 2004

Dear Ms. Olivia Laird,

The following amendment submitted in connection with registration under FIFRA 3(c)(7)(A) is acceptable with the conditions listed below.

- Addition of microorganisms

#### Conditions

Revise the label as follows:

- Based on the Agency letter dated February 2, 2004, the following organisms were unacceptable and must be deleted from the label:  
  
*Campylobacter jejuni*, *Cornebacterium pseudotuberculosis*, *Klebsiella pneumoniae*, *Listeria monocytogenes*, *Orithobacterium rhinotracheale*, *Pateurella multocida*, *Salmonella choleraesuis* serotype enteritidis, *Haemophilus paragallinarum*, *Mycoplasma synoviae*, *Mycoplasma gallisepticum*, *Bordetella avium*, *Salmonella choleraesuis* serotype pulorum, *Fusarium dimerum*, and *Pencillium expansum*.
- You must add a double asterisk, \*\*, to the bacteria, *Mycoplasma hyponeumoniae*, since the product is effective in the presence of 25% soil load and 400 ppm AOAC synthetic water.
- Under "Farm equipment and animal housing building," revise step F by stating, "Fresh disinfection solution should be made daily or if visibly soiled."

#### CONCURRENCES

INITIAL								
SURNAME								
DATE								



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

2/8

3. Under "Storage and Disposal" instructions, bold the subheadings, **Storage, Pesticide Disposal, and Container Disposal.**"

**Data Summary**

Data Requirement	Means of Support	Status
Virucidal Effectiveness Against Newcastle Disease Virus	Submitted study, MRID 464106-01	Acceptable at 1:400 dil in 5% soil, 400 ppm water at 10 min.
Virucidal Effectiveness Against Marek's Disease Virus	Submitted study, MRID 4641606-02	Acceptable at 1:400 dil in 5% soil, 400 ppm water at 10 min
AOAC Use Dilution Test Against Mycoplasma Hyopneumoniae	Submitted study, MRID 464106-03	Acceptable at 1:400 dil in 25% soil, 400 ppm water at 10 min
Virucidal Effectiveness Against Avian Infectious laryotracheitis virus	Submitted study, MRID 464106-04	Acceptable at 1:400 dil in 5% soil, 400 ppm water at 10 min
Virucidal Effectiveness Against Porcine Respiratory and Reproductive Syndrome Virus	Submitted study, MRID 464106-05	Acceptable at 1:400 dil in 5% soil, 400 ppm water at 10 min
Virucidal Effectiveness Against Avian Influenza Virus	Submitted study, MRID 464426-01	Acceptable at 1:400 dil in 5% soil, 400 ppm water at 10 min
Virucidal Effectiveness Against Avian Reovirus	Submitted study, MRID 464106-07	Acceptable: Not Reviewed
Virucidal Effectiveness Against Pseudorabies Virus	Submitted study, MRID 464106-08	Acceptable at 1:400 dil in 5% soil, 400 ppm water at 10 min
AOAC Use Dilution Test S. suis, E. coli, S. choleraesuis, ssp. choleraesuis, serotype typhisuis	Submitted study, MRID 464106-09	Acceptable at 1:400 dil in 5% soil, 400 ppm water at 10 min

**Please Note:** The Agency reviews animal disease data if they have been designated by the World Organization for Animal Health as diseases that causes significant economic impact. The submitted study, MRID 464106-07, was not reviewed because Avian Reovirus is not recognized as a disease that causes significant economic impact.

**General Comments**

A stamped copy of the labeling accepted with conditions is enclosed. Submit three (3) copies of your final printed label before distributing or selling the product bearing the revised labeling.

Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

If the above conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling.

CONCURRENCES							
MDOL							
SURNAME							
DATE							

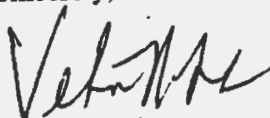


UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

3/8

If you have any questions regarding this letter, please contact Jacqueline McFarlane at (703) 308-6416.

Sincerely,



Velma Noble  
Product Manager (31)  
Regulatory Management Branch I  
Antimicrobials Division (7510C)

Enclosure: Efficacy Data Evaluation  
Stamped Label

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							



24% ADBAC + DDAC 4/8  
10% glut.

# VIROCID®

## CONCENTRATED BROAD SPECTRUM DISINFECTANT

### Active ingredients :

ALKYL\* DIMETHYL BENZYL AMMONIUM CHLORIDE \*(50% C14;40% C12;10% C16) 17.060 % (by wt)

DIDECYL DIMETHYL AMMONIUM CHLORIDE 7.800 %

GLUTARALDEHYDE 10.725 %

Inert ingredients 64.415 %

100.000 %

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

VIROCID is effective against :

BACTERIA	Dilution
<i>Salmonella Choleraesuis</i> (ATCC 10708)*	1:400
<i>Staphylococcus aureus</i> (ATCC 6538)*	1:400
<i>Pseudomonas aeruginosa</i> (ATCC 15442)*	1:400
[REDACTED]	1:400
[REDACTED]	1:400
[REDACTED]	1:400
[REDACTED]	1:400
[REDACTED]	1:400
[REDACTED]	1:400
[REDACTED]	1:400
[REDACTED]	1:400
[REDACTED]	1:400
[REDACTED]	1:400
<i>Mycoplasma hyopneumoniae</i> (ATCC 25934)*	1:400
<i>Streptococcus suis</i> (ATCC 43785)*	1:400
<i>Salmonella choleraesuis</i> subsp. <i>Choleraesuis</i> , serotype <i>typhisuis</i> (ATCC 8321)*	1:400
<i>Escherichia coli</i> (ATCC 11229)*	1:400
[REDACTED]	1:256
[REDACTED]	1:256
<b>FUNGUS (on environmental surfaces)</b>	
[REDACTED]	1:400
[REDACTED]	1:400
<i>Trichophyton mentagrophytes</i> (ATCC 9533)	1:400
<b>VIRUS (on environmental surfaces)</b>	
<i>Porcine circovirus</i> , type II (PCV, PT-1 cell)*	1:200
<i>Pseudorabies</i> (American BioResearch Laboratories)*	1:400
<i>Porcine Respiratory and Reproductive Syndrome</i> (Arko Laboratories)*	1:400
<i>Avian Reovirus</i> (Spafas Strain)*	1:256
<i>Marek's Disease</i> (Spafas Strain)*	1:400
<i>Newcastle Disease</i> (Spafas Strain)*	1:400
<i>Avian Influenza</i> (Turkey/Wis/66 strain - H9N2)*	1:400
<i>Avian Infectious Laryngotracheitis</i> (Charles River laboratories)*	1:400
<i>Infectious Bursal Disease of Chickens</i> (SPAFAS Strain 2512)*	1:400
Algae and slime forming bacteria in recirculating water cooling systems and evaporative condensers	25-50 ppm

\*in the presence of 400 ppm AOAC synthetic hard water and 5% soil load

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
APR 7 2005

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
Registration No. 100-100000-1  
EPA Reg. No. 100-100000-1

11355-1



<b>FIRST AID STATEMENTS</b>	
Have product container with you when calling the poison control center, doctor, or going for medical treatment.	
<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>• Hold eyelids open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF ON SKIN OR CLOTHING</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF SWALLOWED</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF INHALED</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth- to- mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>NOTE TO PHYSICIAN :</b> Probable mucosal damage may contraindicate the use of gastric lavage.	

### **APPLICATION :**

**Disinfection of non-food surfaces, farm, animal, and poultry housing facilities and equipment :**

1. *Farm Equipment and animal housing buildings (poultry & turkey grow-out houses, laying houses, swine production and housing, barns and large animal buildings)*
2. *Hatchers, Setters, and chick processing facilities*
3. *Food processing plants (slaughterhouses)*
4. *Trucks and other vehicles*
5. *Veterinary hospitals.*

Sanitizing hatchery rooms, incubators and hatchers, poultry houses and livestock buildings by fogging.  
Control of algae and slime forming bacteria in recirculating water cooling systems and evaporative condensers.

### **DIRECTIONS FOR USE :**

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

**Disinfection of non-food surfaces, farm, animal, and poultry housing facilities and equipment :**

**1. Farm equipment and animal housing buildings (poultry & turkey grow-out houses, laying houses, swine production and housing, barns and large animal buildings) :**

For disinfection of hard, non-porous surfaces : stainless, galvanized and painted steel, copper, aluminum, finished wood, vinyl, plastics, glazed tiles, sealed brick walls, aluminium sandwich panels and feeding/drinking equipment :

- A. Remove all animals and feed from premises, vehicles and enclosures. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes, and other facilities and fixtures occupied or traversed by animals. Empty all troughs, racks, and other feeding and watering appliances.
- B. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate all surfaces with the appropriate disinfection solution by using a coarse spray, mop, or sponge. Surfaces must remain wet for 10 minutes.
- C. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed or dried.

see table top of label to determine the appropriate disinfection solution



- D. Thoroughly scrub treated feed racks, troughs, and other feeding and water appliances with soap or detergent and rinse with potable water before reuse.
- E. Disinfection of equipment : Immerse all halters, ropes, and other types of restraining equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure in the appropriate disinfection solution\* for 10 minutes. Allow to air dry.
- F. Fresh disinfection solution should be made daily.

**2. Hatcheries :**

Remove all animals from the area. Thoroughly clean all surfaces (hatchers, setters, trays, racks, carts, sexing tables, chick boxes, cages) with soap or detergent, then rinse with water. Saturate all surfaces with the appropriate disinfection solution\* by using a coarse spray, mop, or sponge. Surfaces must remain wet for 10 minutes. Do not house animals or employ equipment until surfaces have been absorbed or dried. Fresh disinfection solution should be made daily or if visibly soiled.

**3. Food processing plants (including Chicken Processing Facilities) :**

Before using this product, all food products and packaging materials must be removed from the room or carefully protected. Thoroughly clean all surfaces with soap or detergent, then rinse with water. Disinfect hard, non-porous surfaces by applying the appropriate disinfection solution\* with a coarse spray, mop, or sponge. All surfaces must remain thoroughly wet for 10 minutes. Allow to air dry. A potable water rinse is required for all surfaces that come into contact with food.

**4. Trucks and other vehicles :**

Clean all vehicles including mats, crates, cabs, and wheels with high pressure water. Use the appropriate disinfection solution\* to treat all vehicles. Leave all treated surfaces exposed to disinfectant solution wet for 10 minutes. Allow to air dry.

**5. Veterinary hospitals :**

For disinfection of the following hard non-porous surfaces : floors, walls, ceilings, counters, cages, feeding/drinking equipment, and handling/restraining equipment. Remove animals and feed from the premises. Thoroughly clean all surfaces with soap or detergent, then rinse with water. Saturate surfaces with the appropriate disinfection solution\* by using a coarse spray, mop, or sponge. Surfaces must remain wet for 10 minutes. Immerse all leashes, muzzles, ropes or other types of equipment used to restrain or handle animals as well as shovels, scrapers, and forks used to remove manure and litter. Do not house livestock or employ equipment until surfaces have been absorbed or dried. Thoroughly scrub treated feeding and watering equipment with soap or detergent and rinse with potable water before reuse. Fresh disinfection solution should be made daily or if visibly soiled.

**Preparation table :**

dilution	Preparation method
1:1000	
1:400	½ fluid ounce per gallon of water
1:256	¼ fluid ounce per gallon of water
1:200	⅓ fluid ounce per gallon of water

APR 7 2005

71355-1

**Sanitizing hatchery rooms, incubators and hatchers, poultry houses and livestock buildings by fogging**

**A. Hatchery rooms :**

Close room off so fog is confined to room to be treated. Prepare a stock solution of one (1) part VIROCID to four (4) parts water (25 fluid ounce VIROCID to 100 fluid ounce water). Insert the nozzle of the fogging device through a suitable opening in the room. With the setting on maximum output, fog 125 fluid ounces for each 1000 cubic yard. Do not allow people to breathe or contact the fog or to enter the room until the fog has completely settled or exhausted. Normally this is 1-4 hours in this environment.

**Note :** The generated fog is very irritating to eyes, skin and mucous membranes. Under no circumstances should a room or building be entered by anyone until the fog has completely settled, normally 1-4 hours after the actual fogging. If the building or room must be entered, then the individuals



entering the building or room must wear a self contained respirator approved by NIOSH/MSHA, goggles, long shirt, sleeves and pants.

**B. Incubators and hatchers :**

Prepare a stock solution of one (1) part VIROCID to four (4) parts water. Fog 3 ounces for 100 cubic feet of this into setters and hatchers immediately after transfer. Repeat daily. Discontinue hatcher treatments approximately 24 hours before pulling the hatch. Do not allow people to contact or breathe this fog and do not enter machines until the fog has settled (30-60 minutes after fogging is completed). To do this, install permanent fogging nozzles in setters and hatchers and use an air compressor to disperse the sanitizing solution as a fog.

It is also satisfactory to fog setters and hatchers with a 1:1000 solution of VIROCID. If this is done, fog for 30-90 seconds once per hour or once every two hours.

**C. Poultry houses and livestock buildings :**

After the house has been depopulated and cleaned as in 1. A to F under "Disinfection of non-food surfaces, farm, animal, and poultry housing facilities and equipment", double check to be sure all people, poultry, livestock and pets have vacated the building. Close all windows, doors, curtains, etc. making the house as closed as tight as possible. Prepare a stock solution of one (1) part VIROCID to four (4) parts water (25 fluid ounce VIROCID to 100 fluid ounce water). Insert the nozzle of the fogging device through a suitable opening in the room. With the setting on maximum output, fog 125 fluid ounces for each 1000 cubic yard. The fogger itself may be placed just inside the door of the building to be treated, or the nozzle of the fogger may be inserted through a suitable opening in the door or building. The opening should be just large enough to accommodate the nozzle. After fogging, the building should be kept closed for twenty-four hours. After twenty-four hours, the fog should have settled and the house can now be opened and aired. The house should be opened for a minimum of twenty-four hours before it is repopulated with poultry or livestock.

**Note :** The generated fog is very irritating to eyes, skin and mucous membranes. Under no circumstances should a room or building be entered by anyone until the fog has completely settled, normally 1-4 hours after the actual fogging. If the building or room must be entered, then the individuals entering the building or room must wear a self contained respirator approved by NIOSH/MSHA, goggles, long shirt, sleeves and pants. If feeders and waterers were not removed from the premise during treatment, or were not adequately covered to prevent contact with treatment, they should be washed with detergent and water before use for poultry or livestock.

**Control of algae and slime forming bacteria in recirculating water cooling systems and evaporative condensers**

- A. VIROCID should be added in the system directly and not mixed with any other chemicals or additives ; it should be added at a point where uniform mixing and even distribution will occur.
- B. Severely fouled systems should be chemically and/or manually cleaned before adding VIROCID treatment. If Algae/slime growth is absent or minimal, proceed with the initial dose.
- C. **Initial Dose** 2.5 fluid ounces of VIROCID per 100 gallons of water (50ppm) in the system. Repeat treatment until algae/slime growth is controlled. **Maintenance Dose :** After algae control is evident/achieved, apply 1.25 fluid ounces of VIROCID per 100 gallons of water (25ppm) in the system every 7 days (weekly). Repeat treatment as needed to maintain algae/slime control.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
APR 7 2005

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended for the control of  
pests registered under EPA Reg. No.

71355-1



8/8

**STORAGE AND DISPOSAL :**

Do not contaminate water, food, or feed by storage and disposal

Storage : Store in a cool, dry place in tightly closed container away from children. Avoid temperatures below 23°F and above 113°F.

Disposal of pesticide : Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representatives at the nearest EPA Regional Office for guidance.

Disposal of container : Triple rinse. Then offer for recycling or puncture and dispose in a sanitary landfill. Disposal by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**ENVIRONMENTAL HAZARDS :**

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge.

Do not discharge effluent containing this product into sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**PRECAUTIONARY STATEMENTS**

Hazard to humans and domestic animals

**DANGER.** Corrosive. Causes irreversible eye damage and skin burns. May be fatal if absorbed through the skin. Do not get in eyes, on skin, or on clothing. Wear protective eyewear, protective clothing, and rubber gloves.

Harmful if inhaled. Avoid breathing vapor. Harmful if swallowed. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing and wash before reuse.

**LIMITED WARRANTY AND DISCLAIMER :**

The manufacturer warrants (a) that this product conforms to the chemical description on the label ; (b) that this product is a reasonable fit for the purposes set forth in the directions for use when it is used in accordance with such directions ; and (c) that the directions, warnings and other statements on this label are based upon responsible expert's evaluation of reasonable tests of effectiveness and of toxicity to laboratory animals. Tests have not been made on all varieties or in all states or under all conditions. The manufacturer neither makes nor intends, nor does it authorize any agent or representative to make, any other warranties, expressed or implied, and it expressly excludes and disclaims all implied warranties or merchantability and fitness for particular purpose. This warranty does not extend to, and the buyer shall be solely responsible for, any and all loss or damage which results from the use of this product in any manner which is inconsistent with the label directions, warnings or cautions. Buyer's exclusive remedy and manufacturer's or seller's exclusive liability for any and all claims, losses, damages, or injuries resulting from the use or handling of this product, whether or not such liability is based in the contract, negligence, strict liability in tort or otherwise, shall be limited, at the manufacturer's option, to replacement of, or the repayment of the purchase price for, the quantity of product with respect to which damages are claimed. In no event shall manufacturer or seller be liable for special, indirect or consequential damages resulting from the use or handling of this product

EPA Reg. N° : 71355-1

EPA Est. N° : 71355-BEL-001

BATCH N° : see top / bottom EXPIRY DATE : see top / bottom

Net contents : see top / bottom

Produced by :

CID LINES NV/SA - Waterpoortstraat 2 - B 8900 IEPER - BELGIUM - EUROPE

Phone: 011-32-57-217877 - Fax: 011-32-57-217879

<http://www.cidlines.com> - [info@cidlines.com](mailto:info@cidlines.com)



APR 7 2005

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# Receipt for Section 3

S: 664683

Resubmission: ☐ Yes ☒ No

Regulatory Type: Product Registration - Section 3

Fee For Service: ☐ Yes ☒ No

Application Type: Amendment

Billable: ☐ Yes ☒ No

Company: 66171 PRESERVE INTERNATIONAL

V

Risk Manager: Antimicrobials Division, Risk Management Team 31

Product #: 66171-7 Product Name: SYNERGIZE

Override#:

Me Too

Me Too

Section3:

Product Name:

Application Date: 16-Dec-2009

OPP Rec'd Date: 30-Dec-2009

Front End Date: 30-Dec-2009

Risk Manager Send Date: 04-Jan-2010

FFS Due Date:

Negotiated Due Date:

OPP Target Date:

Fast Track:

New Ingredient:

Receipt Description:

Label amendment

New Ingredient

Request Date:

New Ingredient

Received Date:

Form A:

Signature Date:

Form B:

Signature Date:

Print Letter

Enter More Information

Tracking

Receipt Content

Des

Paper Label

View/Edit





Office of Gary E. Gaumer P.O. Box 17003, Reno, NV 89511 • Bus: (775) 853-9776 • Fax: (775) 853-9212 • email: gegaumer@preserveinc.com

December 16, 2009

Ms. Velma Noble  
Office of Pesticides Programs (7504C)  
United States Environmental Protection Agency (AMEND)  
Ariel Rios Building  
1200 Pennsylvania Avenue, N.W.  
Washington, DC 20460

Dear Ms. Noble:

Preserve International is submitting amendment documents, for our product Synergize, EPA Registration Number 66171-7:

**Proposed Amendments:**

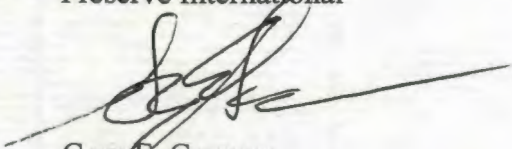
**Sanitizing Hatchery Rooms. Incubators and Hatchers, Poultry Houses and Livestock Buildings By Fogging**

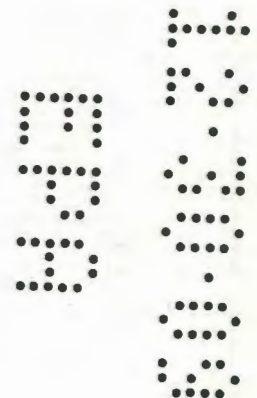
We have included and highlighted a product, Virocid EPA Registration number 71355-1, with similar ingredients and similar fogging directions. In addition, we have highlighted a Synergize label with the proposed changes.

If I may be of further assistance, please feel free to contact me at 775-853-9776.

Thank you for your time and consideration.

Sincerely,  
Preserve International

  
Gary E. Gaumer  
President







United States  
Environmental Protection Agency  
Washington, DC 20460

☐  
☒  
☐

Registration  
Amendment  
Other

OPP Identifier Number

### Application for Pesticide - Section I

1. Company/Product Number 66171-7	2. EPA Product Manager 31	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) SYNERGIZE	PM#	
5. Name and Address of Applicant (Include ZIP Code) Preserve International PO Box 17003 Reno, NV 89511 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. 71355-1 Product Name Virocid	

### Section - II

<input checked="" type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)  
Revision of foddng directions.

### Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product		<input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____	

### Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Gary E. Gaumer	Title President	Telephone No. (Include Area Code) 775-853-9776
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		<b>Date Application Received (Stamped)</b> ..... ..... ..... ..... ..... ..... ..... ..... ..... .....
2. Signature 	3. Title President	
4. Typed Name Gary E. Gaumer	5. Date December 16, 2009	



# Material to be added to an e-Jacket/Jacket

Reg. No. 66171--7

1. ☐ Placement within the e-Jacket/jacket:

- ☐ Default: (chronological, top/newest)
  - ☐ Description: (PDF page number, i.e., "before page 45")
- 
- 

2. ☐ Send to Data Extraction contractors this material:

- ☐ Newly stamped accepted label
- ☒ Notification
- ☐ New CSF
- ☐ Other: \_\_\_\_\_

3. Attach this coversheet to the top of the material or jacket. It must be well organized and clipped together, NOT STAPLED. Then give the material with this coversheet to staff in the Information Services Center (Room S-4900).

Reviewer's Name: Velma Noble

Phone: (703) 308-6233 Division: AD

Date: March 9, 2010



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

Mr. Gary Gaumer  
Preserve International  
PO Box 17003  
Reno, NV 89511

DEC 10 2009

Subject: Synergize  
EPA Registration No.: 66171-7  
Notification Date: October 27, 2009  
EPA Receipt Date: November 10, 2009

Dear Ms. Gaumer,

This letter acknowledges receipt of your notification submitted under the provisions of FIFRA section 3(c)9 and PR Notice 98-10.

**Proposed Notification**

Update Container Disposal Statements per PR Notice 2007-4

**General Comments**

Based on a review of the submitted information, your notification to revise the container disposal statements per PR Notice 2007-4 is acceptable and apart of the records on file.

Should you have any questions regarding this letter, please contact Jacqueline Campbell at (703) 308-6416.

Sincerely,

Velma Noble  
Product Manager (31)  
Regulatory Management Branch I  
Antimicrobials Division (7510P0)

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

152





United States  
Environmental Protection Agency  
Washington, DC 20480

Registration  
Amendment  
☒ Other

OPP Identifier Number

### Application for Pesticide - Section I

1. Company/Product Number 66171-7	2. EPA Product Manager PM# 031	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Synergize		
5. Name and Address of Applicant (Include ZIP Code) Preserve International PO Box 17003 Reno, NV 89511 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

### Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)  
Notification to comply with PR Notice 2007-4. (Container Handling)

### Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted					
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

### Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Gary Gaumer	Title President	Telephone No. (Include Area Code) 775-853-9776
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		8. Date Application Received (Stamped)
2. Signature 	3. Title President	
4. Typed Name Gary Gaumer	5. Date October 27, 2009	





Office of Gary E. Gaumer P.O. Box 17003, Reno, NV 89511 • Bus: (775) 853-9776 • Fax: (775) 853-9212 • email: gegaumer@preserveinc.com

October 27, 2009

Office of Pesticides Programs (7504C)  
United States Environmental Protection Agency (NOTIFICATION)  
Ariel Rios Building  
1200 Pennsylvania Avenue, N.W.  
Washington, DC 20460

RE:Notification per PR Notice 2007-4, For Synergize, EPA Registration Number 66171-7

To Whom it May Concern:

Preserve International hereby submits this notification per PR Notice 2007-4.

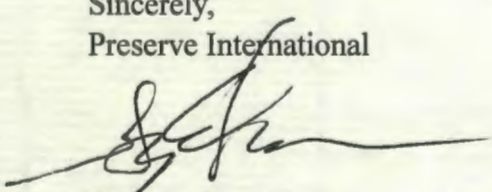
These directions have been submitted to, and approved by Nancy Fitz, EPA OPP. Please see attached copy of the email.

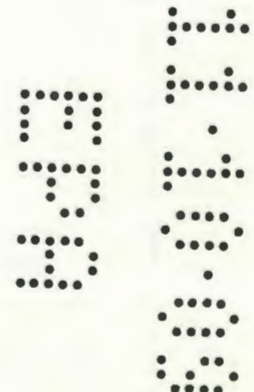
This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

If I may be of further assistance, please feel free to contact me at 775-853-9776.

Thank you for your time and consideration.

Sincerely,  
Preserve International

  
Gary E. Gaumer  
President





## DESCRIPTION

SYNERGIZE is a multi-purpose disinfectant-cleaner. SYNERGIZE provides a broad spectrum kill of gram negative and gram positive microorganisms. SYNERGIZE provides effective disinfecting and cleaning in one operation. SYNERGIZE is effective in warm, soft or hard water (as much as 1000 ppm CaCO<sub>3</sub>) and performs especially well in areas containing 5% serum.

SYNERGIZE is for use on glazed ceramic and tile surfaces, stainless steel, aluminum, chrome, galvanized metal, tin, brass, zinc, glass, hard non-porous treated wood, polyethylene, polypropylene, PVC (polyvinyl chloride), vinyl, sealed fiberglass, viton, ethylene propylene, nitrile, acrylic and polyurethane.

## DIRECTIONS FOR USE:

It is in violation of Federal Law to use this product in a manner inconsistent with its labeling. Registered for disinfecting and cleaning hard non-porous surfaces. Not for use on feed, food or litter.

SYNERGIZE cleaner-disinfectant is specifically formulated for industrial use in the following Animal and Poultry Housing facilities: Turkey, Breeder, Grow Out, Fryer, Layer, Hatcheries and Swine Producing Facilities as well as the following equipment in these facilities: Waterers, Feeders, Hauling Equipment, Dressing Plants, Loading Equipment, Farrowing Barns, Nurseries, Blocks, Creep Areas, and Chutes. This product is also for use in Farm Premises, Equine Facilities, Veal Barns, Ratite Facilities (Ostrich, Emu and Rhea Facilities), Calf Pens and associated Farm Vehicles.

## USE DIRECTIONS:

To disinfect and clean hard non-porous surfaces of walls, floors, tables, sinks, refrigerator exteriors, telephone booths and garbage cans in non-animal areas associated with the site. Apply a solution of 1/2 ounce SYNERGIZE per gallon water (dilute 1:256) on unglazed surfaces. Apply with cloth, sponge, mop or mechanical coarse spray device making sure all surfaces are wetted thoroughly. Allow surfaces to remain wet for 10 minutes. All surfaces must be rinsed with clean water and allowed to dry before reuse.

**BOOT/SOUE WASH:** To prevent cross contamination into animal areas, shoe baths containing one inch of freshly made disinfecting solution should be placed at all entrances to building. Scrape waterproof shoes or boots and place in a 1/2 ounce SYNERGIZE per gallon water solution. Allow the solution to come in contact with the boot/shoe for 10 minutes. Change the disinfecting solution when solution becomes visibly dirty.

**VEHICLES:** To disinfect the non-porous, hard surfaces of vehicles use a solution of 1/2 ounce SYNERGIZE per gallon of water. Apply using a high pressure or coarse spray system. Leave all treated surfaces exposed to solution for 10 minutes, or more and allow to air dry. All treated surfaces that will contact feed or drinking water must be thoroughly scrubbed with soap or detergent then rinsed with potable water before reuse.

## DIRECTIONS FOR USE IN SWINE PRODUCING FACILITIES:

- 1) Remove all animals and feed from the premises, vehicles and enclosures.
- 2) Empty all troughs, racks, and other feeding and watering appliances.
- 3) Remove all gross soil, bedding, manure, caked on dirt, spider webs, etc. from walls to ceilings of barns, pens, stalls, chutes, and other facilities occupied or traversed by hogs or other animals.
- 4) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 5) Thoroughly saturate all surfaces with a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256), using conventional spraying methods.
- 6) Allow all treated areas to remain in contact with this solution for at least 10 minutes.
- 7) Immerse equipment used in handling and restraining animals, forks, shovels, and scrapers used for removing manure in SYNERGIZE at a dilution of 1:256. Allow to remain in contact for at least 10 minutes.

8) Ventilate buildings, and other closed spaces. Do not house swine or other livestock until treatment has been absorbed, set, or dried.

- 9) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

## DIRECTIONS FOR USE IN FARM PREMISES, EQUINE FACILITIES, VEAL BARN, RATITE FACILITIES, CALF PENS AND VEHICLES:

- 1) Do not use in milking stalls, milking parlors, or milk houses.
- 2) Remove all animals and feed from the premises, vehicles, and enclosures.
- 3) Remove all gross soil, bedding, manure, caked on dirt, spider webs, etc. from floors, surfaces, and from walls to ceiling of barns, pens, stalls, chutes, and other facilities occupied or traversed by hogs or other animals.
- 4) Empty all troughs, racks, and other feeding and watering appliances.
- 5) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 6) Thoroughly saturate all surfaces with a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256), using conventional spraying methods. Allow to remain in contact with this solution for at least 10 minutes.

Manufactured by:  
**PRESERVE**  
INTERNATIONAL

Reno, NV 89511 • (800) 995-1607 • www.preserveinternational.com

Page 1 of 2

# SYNERGIZE

## CLEANER-DISINFECTANT

Synergize cleaner-disinfectant is specifically formulated for industrial use in the following Animal and Poultry Housing facilities: Turkey, Breeder, Grow Out, Fryer, Layer, Hatcheries and Swine Producing Facilities as well as the following equipment in these facilities: Waterers, Feeders, Hauling Equipment, Loading Equipment, Farrowing Barns, Nurseries, Blocks, Creep Areas, and Chutes. This product is also for use in Farm Premises, Equine Facilities, Veal Barns, Ratite Facilities (Ostrich, Emu and Rhea Facilities), Calf Pens and associated Farm Vehicles.

## Active Ingredients:

Alkyl (C12 67%, C14 25%, C16 7%, C18 1%) dimethyl benzyl ammonium chloride.....	26.00%
Glutaraldehyde.....	7.00%
Inert Ingredients.....	67.00%
TOTAL.....	100.00%

## KEEP OUT OF REACH OF CHILDREN DANGER

### SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

See First Aid statement and additional precautions on side panel

7) Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels and scrapers used for removing manure in a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256). Allow to remain in contact for 10 minutes.

8) Ventilate buildings, cars, boats, coops and other closed spaces. Do not house poultry or livestock or employ equipment until treatment has been absorbed, set or dried.

9) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

## DIRECTIONS FOR USE IN POULTRY HOUSE:

- 1) Remove all poultry and feeds from premises, trucks, coops, and crates.
- 2) Remove all litter and droppings from floors, walls and surfaces of facilities occupied or traversed by poultry.
- 3) Empty all troughs, racks, and other feeding and watering appliances.
- 4) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 5) Saturate surfaces with 1/2 ounce SYNERGIZE per gallon water (dilute 1:256) for a period of 10 minutes.
- 6) Ventilate building, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set, or dried.
- 7) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

## DIRECTIONS FOR FOGGING ANIMAL QUARTERS:

Fogging is to be used as an adjunct prior to acceptable manual cleaning and disinfecting of room surfaces. Close room off so fog is confined to room to be treated. Wear a dust mist respirator when mixing the use solution and pouring it into the fogging apparatus. Mix one (1) part SYNERGIZE to five (5) parts water. One (1) gallon of SYNERGIZE to four (5) gallons of water. Insert the nozzle of the fogger through a suitable opening into the room. With the setting on maximum output, fog for one (1) minute to reach 4,000 cubic feet of space in the room with the thermal fogger. Do not allow people to breathe or contact the fog or to enter the room until the fog has completely settled or exhausted. Normally this is 1-4 hours in this environment (less time if area is well ventilated).

\*NOTE: The fog generated by this method is very irritating to eyes, skin, and mucous membranes. Under no circumstances should a room or building be entered within two hours of the actual fogging and a minimum of 4 air exchanges (ACH) per hour in the facility. If the building or room must be entered, then the individuals entering the building or room must wear a self contained respirator approved by NIOSH/MSHA, goggles, long shirt sleeves and pants.

EPA Reg. No. 66171-7  
EPA Est. 66171-TN-001, 66171-CA-001  
Patent Number: 5,891,922

## NOTIFICATION

Batch No: \_\_\_\_\_ Date Reviewed: 12/2/98 Contents: \_\_\_\_\_  
Reviewed By: S. Hapke

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed, by storage and disposal.

## PESTICIDE STORAGE:

Store away from heat. Do not transfer to another container. Do not reuse empty container.

## PESTICIDE DISPOSAL:

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instruction, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**Container Handling:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available, or offer for reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. (For greater than 5 gallons) Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. (For 5 gallons or less) Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

**General:** Consult Federal, State or local disposal authorities for approved alternative procedures.

## PRECAUTIONARY STATEMENTS

Hazards to humans and domestic animals

## DANGER

**KEEP OUT OF REACH OF CHILDREN.** Corrosive. Causes irreversible eye damage and skin burns. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Do not breathe spray mist. Wear goggles or face shield. Wear a dust/mist/fogging respirator (MSHA/NIOSH approval number prefix TC-21C) or a NIOSH approved respirator with any N, P, R, or HE prefilter. Wear protective clothing and rubber gloves. Prolonged or frequent repeated skin contact may cause allergic reaction in some individuals. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish aquatic invertebrates, oysters, and shrimp. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other water unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

## FIRST AID

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes; remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye; call a poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing; rinse skin immediately with plenty of water for 15-20 minutes; call a poison control center or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible; call a poison control center or doctor for further treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice; have person sip a glass of water if able to swallow; do not induce vomiting unless told to do so by the poison control center or doctor; do not give anything by mouth to an unconscious person.

**HOT LINE NUMBER:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1 (800) 255-3924 for emergency medical treatment information. For information on this pesticide (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1 (800) 858-7378.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.



# SYNERGIZE

## DIRECTIONS FOR HATCHERY ROOM FOGGING:

Prior to fogging setters or hatchers, food products and packaging must be removed from the room or carefully protected. Wear a dust mist respirator when mixing the use solution and pouring it into the fogging apparatus. After cleaning, fog desired areas using one quart per 1000 cubic feet of room area with a product solution containing 0.25 to 1 ounce per gallon water. Vacate all areas of personnel and poultry and feeds for a minimum of 2 hours after fogging. All food contact surfaces, including feed troughs, automatic feeders, and fountains must be disinfected followed by treatment with soap and water or detergent and rinsed with potable water before reuse.

**\*NOTE:** The fog generated is very irritating to eyes, skin, and mucous membranes. Under no circumstances should a room or building be entered within two hours of the actual fogging and a minimum of 4 air exchanges (ACH) per hour in the facility. If the building or room must be entered, then the individuals entering the building must wear a self contained respirator approved by NIOSH/MSHA, goggles, long sleeves and long pants.

**FOGGING IS TO BE USED AS AN ADJUNCT TO ACCEPTABLE MANUAL CLEANING AND DISINFECTION OF ROOM AND MACHINE SURFACES.**

Staphylococcus aureus A.T.C.C. 6538

Pseudomonas aeruginosa A.T.C.C. 15442

Salmonella enterica A.T.C.C. 10708

Aspergillus fumigatus A.T.C.C. 36607

Porcine Respiratory & Reproductive Syndrome Virus (PRRS)

Avian Influenza (H3N2)

Escherichia Coli F18

Porcine circovirus Type 2

## SANITIZING EGG SHELLS INTENDED FOR FOOD DIRECTIONS:

To sanitize previously cleaned food-grade eggs in shell egg and egg product processing plants, spray with a solution of ¼ ounce of this product per 5 gallons of warm water (or equivalent use dilution) (200 ppm active). The solution must be warmer than the eggs, but not to exceed 130°F. Wet eggs thoroughly and allow to drain. Eggs sanitized with this product must be subjected to a potable water rinse only if they are to be broken immediately for use in the manufacture of egg products. Eggs must be reasonably dry before casing or breaking. The solution must not be re-used for sanitizing eggs.

**Note:** Only clean, whole eggs can be sanitized. Dirty, cracked or punctured eggs cannot be sanitized.



## DOT SHIPPING NAME

Corrosive Liquid, Acidic,  
Inorganic, n.o.s.  
(Phosphoric Acid), 8, UN3264, PG III



**RISK ASSIGNMENT FORM**  
**Antimicrobial Division/Regulatory Management Branch II**

**A**

**PRODUCT REVIEWER:**

*Tucke*

**RMB I TEA**

**Description of Action:**

*Notification*

**EPA File Symbol/Re**

*66171-7*

**Decision No.** *42383*

**Submission No.** *862770*

**Fee for Service Action Code**

**FOPA Action Code:**

*332*

**Non-FOPA Action Code:**

*month Day*

**PRIA FEE AMOUNT:**

**YEAR**

**APPLICATION DATE**

*10*

*27*

**EPA PIN DATE**

*11*

*10*

**DATE RISK MANAGER  
RECEIVED FROM FRONT END**

**DATE SENT TO SCIENCE**

**PRIA DUE DATE**

**NEGOTIATED DUE DATE**

**Type of  
Data:**

**PSB  
Product  
Chemistry**

**PSB Acute  
Toxicology**

**PSB  
Efficacy**

**RASSB  
Environmental  
Fate**

**RASSB  
Ecological  
Effects**

**RASSB  
Chronic  
Toxicology**

**E  
/1**

**Comments:**

*Notification - for change to PR Notice 2007-4*

*Give to Tucke*

**ATTACHMENTS & LABELING**

**CHRG**

**DATA**

**OTHERS**

**B**

**For Arctic Slope Contract Only**

**Contract No.:**

**ARCTIC SLOPE/MANAGER**

**Final Task: Signature**

**(Total hrs)**

**C**

**Reviewer Comments:**

**DATE FEE PAID:**

**RESPONSE CODE:**

**RESPONSE DATE:**

157



From: Fitz.Nancy@epamail.epa.gov  
Subject: **Re: 2007-4**  
Date: October 27, 2009 6:51:25 AM PDT  
To: "Gary E. Gaumer" <gegaumer@preserveinc.com>  
Cc: Fuller.Demson@epamail.epa.gov, Edwards.Dennis@epamail.epa.gov, Kasai.Jeanne@epamail.epa.gov  
1 Attachment, 30.1 KB

Gary,

We have reviewed the October 13, 2009 version of your container handling instructions attached below and we have determined that they are acceptable. These container handling instructions use the exact language from the container regulations and PR Notice 2007-4 so the changes can be made by notification.

Thank you for consulting with us ahead of time to make sure that the revised instructions are acceptable - this saves time for all of us!

If you have any questions or need more information, please contact Jeanne Kasai at kasai.jeanne@epa.gov or me.

Nancy Fitz  
Office of Pesticide Programs  
U.S. Environmental Protection Agency  
(703) 305-7385 (phone)  
(703) 308-2962 (fax)  
fitz.nancy@epa.gov (e-mail)  
Pesticide container & containment web site:  
<http://www.epa.gov/pesticides/regulating/containers.htm>

|----->  
| From: |  
|----->  
| "Gary E. Gaumer" <gegaumer@preserveinc.com> |  
|----->  
| To: |  
|----->  
| Nancy Fitz/DC/USEPA/US@EPA |  
|----->  
| Cc: |  
|----->  
| Demson Fuller/DC/USEPA/US@EPA, Dennis Edwards/DC/USEPA/US@EPA, Jeanne Kasai/DC/USEPA/US@EPA |  
|----->  
| Date: |  
|----->  
| 10/13/2009 12:06 PM |  
|----->  
| Subject: |  
|----->  
| Re: 2007-4 |

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## DESCRIPTION

SYNERGIZE is a multi-purpose disinfectant-cleanser. SYNERGIZE provides a broad spectrum kill of gram negative and gram positive microorganisms. SYNERGIZE provides effective disinfecting and cleaning in one operation. SYNERGIZE is effective in warm, soft or hard water (as much as 1000 ppm CaCO<sub>3</sub>) and performs especially well in areas containing 5% serum.

SYNERGIZE is for use on glazed ceramic and tile surfaces, stainless steel, aluminum, chrome, galvanized metal, tin, brass, zinc, glass, hard non-porous treated wood, polyethylene, polypropylene, PVC (polyvinyl chloride), vinyl, sealed fiberglass, viton, ethylene propylene, nitrile, acrylic and polyurethane.

## DIRECTIONS FOR USE:

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SYNERGIZE cleaner-disinfectant is specifically formulated for industrial use in the following Animal and Poultry Housing facilities: Turkey, Breeder, Grow Out, Fryer, Layer, Hatcheries and Swine Producing Facilities as well as the following equipment in these facilities: Waterers, Feeders, Hauling Equipment, Dressing Plants, Loading Equipment, Farrowing Barns, Nurseries, Blocks, Creep Areas, and Chutes. This product is also for use in Farm Premises, Equine Facilities, Veal Barns, Ratite Facilities (Ostrich, Emu and Rhea Facilities), Calf Pens and associated Farm Vehicles.

## USE DIRECTIONS:

To disinfect and clean hard non-porous surfaces of walls, floors, tables, sinks, refrigerator exteriors, telephone booths and garbage cans in non-animal areas associated with the site listed above. Apply a solution of 1/2 ounce SYNERGIZE per gallon water (dilute 1:256) on pre-cleaned surfaces. Apply with cloth, sponge, mop or mechanical coarse spray device. Making sure all surfaces are wetted thoroughly. Allow surfaces to remain wet for 10 minutes. All surfaces must be rinsed with clean water and allowed to dry before reuse.

**BOOT/SHOE WASH:** To prevent cross contamination into animal areas, shoe baths containing one inch of freshly made disinfecting solution should be placed at all entrances to building. Scrape waterproof shoes or boots and place in a 1/2 ounce SYNERGIZE per gallon water solution. Allow the solution to come in contact with the boot/shoe for 10 minutes. Change the disinfecting solution when solution becomes visibly dirty.

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## DIRECTIONS FOR USE IN SWINE PRODUCING FACILITIES:

- 1) Remove all animals and feed from the premises, vehicles and enclosures.
- 2) Empty all troughs, racks, and other feeding and watering appliances.
- 3) Remove all gross soil, bedding, manure, caked on dirt, spider webs, etc. from walls to ceilings of barns, pens, stalls, chutes, and other facilities occupied or traversed by hogs or other animals.
- 4) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 5) Thoroughly saturate all surfaces with a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256), using conventional spraying methods.
- 6) Allow all treated areas to remain in contact with this solution for at least 10 minutes.
- 7) Immerse equipment used in handling and restraining animals, forks, shovels, and scrapers used for removing manure in SYNERGIZE at a dilution of 1:256. Allow to remain in contact for at least 10 minutes.

- 8) Ventilate buildings, and other closed spaces. Do not house swine or other livestock until treatment has been absorbed, set, or dried.
- 9) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

## DIRECTIONS FOR USE IN FARM PREMISES, EQUINE FACILITIES, VEAL BARN, RATITE FACILITIES, CALF PENS AND VEHICLES:

- 1) Do not use in milking stalls, milking parlors, or milk houses.
- 2) Remove all animals and feed from the premises, vehicles, and enclosures.
- 3) Remove all gross soil, bedding, manure, caked on dirt, spider webs, etc. from floors, surfaces; and from walls to ceiling of barns, pens, stalls, chutes, and other facilities occupied or traversed by hogs or other animals.
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Manufactured by:

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Inert Ingredients.....	67.00%
<b>TOTAL</b> .....	<b>100.00%</b>

## KEEP OUT OF REACH OF CHILDREN DANGER

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See First Aid statement and additional precautions on side panel

- 7) Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels and scrapers used for removing manure in a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256). Allow to remain in contact for 10 minutes.
  - 8) Ventilate buildings, cars, boats, coops and other closed spaces. Do not house poultry or livestock or employ equipment until treatment has been absorbed, set or dried.
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- 1) Remove all poultry and feeds from premises, trucks, coops, and crates.
  - 2) Remove all litter and droppings from floors, walls and surfaces of facilities occupied or traversed by poultry.
  - 3) Empty all troughs, racks, and other feeding and watering appliances.
  - 4) Thoroughly clean all surfaces with soap or detergent and rinse with water.
  - 5) Saturate surfaces with 1/2 ounce SYNERGIZE per gallon water (dilute 1:256) for a period of 10 minutes.
  - 6) Ventilate building, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set, or dried.
  - 7) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

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EPA Reg. No.  
EPA Est.  
Patent Number:

66171-7  
66171-TN-001, 66171-CA-001  
5,891,922

Batch No: \_\_\_\_\_

Net Contents: \_\_\_\_\_

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(For greater than 5 gallons) Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water and replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. (For 5 gallons or less) Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

**General:** Consult Federal, State or local disposal authorities for approved alternative procedures.

## PRECAUTIONARY STATEMENTS

Hazards to humans and domestic animals

### DANGER

**KEEP OUT OF REACH OF CHILDREN.** Corrosive. Causes irreversible eye damage and skin burns. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Do not breathe spray mist. Wear goggles or face shield. Wear a dust/mist/filtering respirator (MSHA/NIOSH approval number prefix TC-21C) or a NIOSH approved respirator with any N, P, R, or HE prefilter. Wear protective clothing and rubber gloves. Prolonged or frequent repeated skin contact may cause allergic reaction in some individuals. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish aquatic invertebrates, oysters, and shrimp. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other water unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

## FIRST AID

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes; remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye; call a poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing; rinse skin immediately with plenty of water for 15-20 minutes; call a poison control center or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible; call a poison control center or doctor for further treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice; have person sip a glass of water if able to swallow; do not induce vomiting unless told to do so by the poison control center or doctor; do not give anything by mouth to an unconscious person.

**HOT LINE NUMBER:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1 (800) 255-3924 for emergency medical treatment information. For information on this pesticide (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1 (800) 858-7378.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.



# SYNERGIZE

## DIRECTIONS FOR HATCHERY ROOM FOGGING:

Prior to fogging setters or hatchers, food products and packaging must be removed from the room or carefully protected. Wear a dust/mist respirator when mixing the use solution and pouring it into the fogging apparatus. After cleaning, fog desired areas using one quart per 1000 cubic feet of room area with a product solution containing 0.25 to 1 ounce per gallon water. Vacate all areas of personnel and poultry and feeds for a minimum of 2 hours after fogging. All food contact surfaces, including feed troughs, automatic feeders, and fountains must be disinfected followed by treatment with soap and water or detergent and rinsed with potable water before reuse.

**\*NOTE:** The fog generated is very irritating to eyes, skin, and mucous membranes. Under no circumstances should a room or building be entered within two hours of the actual fogging and a minimum of 4 air exchanges (ACH) per hour in the facility. If the building or room must be entered, then the individuals entering the building must wear a self contained respirator approved by NIOSH/MSHA, goggles, long sleeves and long pants.

**FOGGING IS TO BE USED AS AN ADJUNCT TO ACCEPTABLE MANUAL CLEANING AND DISINFECTION OF ROOM AND MACHINE SURFACES.**

Staphylococcus aureus A.T.C.C. 6538

Pseudomonas aeruginosa A.T.C.C. 15442

Salmonella enterica A.T.C.C. 10708

Aspergillus fumigatus A.T.C.C. 36607

Porcine Respiratory & Reproductive Syndrome Virus (PRRS)

Avian Influenza (H3N2)

Escherichia Coli F18

Porcine circovirus Type 2

## SANITIZING EGG SHELLS INTENDED FOR FOOD DIRECTIONS:

To sanitize previously cleaned food-grade eggs in shell egg and egg product processing plants, spray with a solution of ¼ ounce of this product per 5 gallons of warm water (or equivalent use dilution) (200 ppm active). The solution must be warmer than the eggs, but not to exceed 130°F. Wet eggs thoroughly and allow to drain. Eggs sanitized with this product must be subjected to a potable water rinse only if

they are to be broken immediately for use in the manufacture of egg products. Eggs must be reasonably dry before casing or breaking. The solution must not be re-used for sanitizing eggs.

**Note:** Only clean, whole eggs can be sanitized. Dirty, cracked or punctured eggs cannot be sanitized.



## DOT SHIPPING NAME

Corrosive Liquid, Acidic,  
Inorganic, n.o.s.  
(Phosphoric Acid), 8, UN3264, PG III



## DESCRIPTION

SYNERGIZE is a multi-purpose disinfectant-cleanser. SYNERGIZE provides a broad spectrum kill of gram negative and gram positive microorganisms. SYNERGIZE provides effective disinfecting and cleaning in one operation. SYNERGIZE is effective in warm, soft or hard water (as much as 1000 ppm CaCO<sub>3</sub>) and performs especially well in areas containing 5% serum.

SYNERGIZE is for use on glazed ceramic and tile surfaces, stainless steel, aluminum, chrome, galvanized metal, tin, brass, zinc, glass, hard non-porous treated wood, polyethylene, polypropylene, PVC (polyvinyl chloride), vinyl, sealed fiberglass, viton, ethylene propylene, nitrile, acrylic and polyurethane.

## DIRECTIONS FOR USE:

It is in violation of Federal Law to use this product in a manner inconsistent with its labeling. Registered for disinfecting and cleaning hard non-porous surfaces. Not for use on feed, food or litter.

SYNERGIZE cleaner-disinfectant is specifically formulated for industrial use in the following Animal and Poultry Housing facilities: Turkey, Breeder, Grow Out, Fryer, Layer, Hatcheries and Swine Producing Facilities as well as the following equipment in these facilities: Waterers, Feeders, Hauling Equipment, Dressing Plants, Loading Equipment, Farrowing Barns, Nurseries, Blocks, Creep Areas, and Chutes. This product is also for use in Farm Premises, Equine Facilities, Veal Barns, Ratite Facilities (Ostrich, Emu and Rhea Facilities), Calf Pens and associated Farm Vehicles.

## USE DIRECTIONS:

To disinfect and clean hard non-porous surfaces of walls, floors, tables, sinks, refrigerator exteriors, telephone booths and garbage cans in non-animal areas associated with the sites noted above. Apply a solution of 1/2 ounce SYNERGIZE per gallon water (dilute 1:256) on pre-cleaned surfaces. Apply with cloth, sponge, mop or mechanical coarse spray device. Making sure all surfaces are wetted thoroughly. Allow surfaces to remain wet for 10 minutes. All surfaces must be rinsed with clean water and allowed to dry before reuse.

**BOOT/SHOE WASH:** To prevent cross contamination into animal areas, shoe baths containing one inch of freshly made disinfecting solution should be placed at all entrances to building. Scrape waterproof shoes or boots and place in a 1/2 ounce SYNERGIZE per gallon water solution. Allow the solution to come in contact with the boot/shoe for 10 minutes. Change the disinfecting solution when solution becomes visibly dirty.

**VEHICLES:** To disinfect the non-porous, hard surfaces of vehicles use a solution of 1/2 ounce SYNERGIZE per gallon of water. Apply using a high pressure or coarse spray system. Leave all treated surfaces exposed to solution for 10 minutes, or more and allow to air dry. All treated surfaces that will contact feed or drinking water must be thoroughly scrubbed with soap or detergent then rinsed with potable water before reuse.

## DIRECTIONS FOR USE IN SWINE PRODUCING FACILITIES:

- 1) Remove all animals and feed from the premises, vehicles and enclosures.
- 2) Empty all troughs, racks, and other feeding and watering appliances.
- 3) Remove all gross soil, bedding, manure, caked on dirt, spider webs, etc. from walls to ceilings of barns, pens, stalls, chutes, and other facilities occupied or traversed by hogs or other animals.
- 4) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 5) Thoroughly saturate all surfaces with a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256), using conventional spraying methods.
- 6) Allow all treated areas to remain in contact with this solution for at least 10 minutes.
- 7) Immerse equipment used in handling and restraining animals, forks, shovels, and scrapers used for removing manure in SYNERGIZE at a dilution of 1:256. Allow to remain in contact for at least 10 minutes.
- 8) Ventilate buildings, and other closed spaces. Do not house swine or other livestock until treatment has been absorbed, set, or dried.
- 9) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

## DIRECTIONS FOR USE IN FARM PREMISES, EQUINE FACILITIES, VEAL BARN, RATITES FACILITIES, CALF PENS AND VEHICLES:

- 1) Do not use in milking stalls, milking parlors, or milk houses.
- 2) Remove all animals and feed from the premises, vehicles, and enclosures.
- 3) Remove all gross soil, bedding, manure, caked on dirt, spider webs, etc. from floors, surfaces, and from walls to ceiling of barns, pens, stalls, chutes, and other facilities occupied or traversed by hogs or other animals.
- 4) Empty all troughs, racks, and other feeding and watering appliances.
- 5) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 6) Thoroughly saturate all surfaces with a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256), using conventional spraying methods. Allow to remain in contact with this solution for at least 10 minutes.

# SYNERGIZE CLEANER-DISINFECTANT

Synergize cleaner-disinfectant is specifically formulated for industrial use in the following Animal and Poultry Housing facilities: Turkey, Breeder, Grow Out, Fryer, Layer, Hatcheries and Swine Producing Facilities as well as the following equipment in these facilities: Waterers, Feeders, Hauling Equipment, Loading Equipment, Farrowing Barns, Nurseries, Blocks, Creep Areas, and Chutes. This product is also for use in Farm Premises, Equine Facilities, Veal Barns, Ratite Facilities (Ostrich, Emu and Rhea Facilities), Calf Pens and associated Farm Vehicles.

## Active Ingredients:

Alkyl (C12 67%, C14 25%, C16 7%, C18 1%) dimethyl benzyl ammonium chloride.....	26.00%
Glutaraldehyde.....	7.00%
Inert Ingredients.....	67.00%
TOTAL.....	100.00%

## KEEP OUT OF REACH OF CHILDREN DANGER

### SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

See First Aid statement and additional precautions on side panel

7) Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels and scrapers used for removing manure in a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256). Allow to remain in contact for 10 minutes.

8) Ventilate buildings, cars, boats, coops and other closed spaces. Do not house poultry or livestock or employ equipment until treatment has been absorbed, set or dried.

9) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

## DIRECTIONS FOR USE IN POULTRY HOUSE:

- 1) Remove all poultry and feeds from premises, trucks, coops, and crates.
- 2) Remove all litter and droppings from floors, walls and surfaces of facilities occupied or traversed by poultry.
- 3) Empty all troughs, racks, and other feeding and watering appliances.
- 4) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 5) Saturate surfaces with 1/2 ounce SYNERGIZE per gallon water (dilute 1:256) for a period of 10 minutes.
- 6) Ventilate building, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set, or dried.
- 7) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

## DIRECTIONS FOR FOGGING ANIMAL QUARTERS:

Fogging is to be used as an adjunct prior to acceptable manual cleaning and disinfecting of room surfaces. Close room off so fog is confined to room to be treated. Wear a dust mist respirator when mixing the use solution and pouring it into the fogging apparatus. Mix one (1) part SYNERGIZE to five (5) parts water. One (1) gallon of SYNERGIZE to four (5) gallons of water. Insert the nozzle of the fogger through a suitable opening into the room. With the setting on maximum output, fog for one (1) minute to reach 4,000 cubic feet of space in the room with the thermal fogger. Do not allow people to breathe or contact the fog or to enter the room until the fog has completely settled or exhausted. Normally this is 1-4 hours in this environment (less time if area is well ventilated).

\*NOTE: The fog generated by this method is very irritating to eyes, skin, and mucous membranes. Under no circumstances should a room or building be entered within two hours of the actual fogging and a minimum of 4 air exchanges (ACH) per hour in the facility. If the building or room must be entered, then the individuals entering the building or room must wear a self contained respirator approved by NIOSH/MSHA, goggles, long shirt sleeves and pants.

EPA Reg. No.	68171-7
EPA Est.	66171-TN-001, 68171-CA-001
Patent Number:	5,891,922

Batch No: \_\_\_\_\_ Net Contents: \_\_\_\_\_

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed, by storage and disposal.

### PESTICIDE STORAGE:

Store away from heat. Do not transfer to another container. Do not reuse empty container.

### PESTICIDE DISPOSAL:

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**Container Handling:** Non-refillable container. Do not reuse or refill this container. Offer for recycling if available, or offer for reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

(For greater than 5 gallons) Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. (For 5 gallons or less) Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

**General:** Consult Federal, State or local disposal authorities for approved alternative procedures.

## PRECAUTIONARY STATEMENTS

Hazards to humans and domestic animals

### DANGER

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## FIRST AID

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes; remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye; call a poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing; rinse skin immediately with plenty of water for 15-20 minutes; call a poison control center or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible; call a poison control center or doctor for further treatment advice.

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**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

Manufactured by:  
**PRESERVE**  
INTERNATIONAL

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Page 1 of 2



# SYNERGIZE

## DIRECTIONS FOR HATCHERY ROOM FOGGING:

Prior to fogging setters or hatchers, food products and packaging must be removed from the room or carefully protected. Wear a dust/mist respirator when mixing the use solution and pouring it into the fogging apparatus. After cleaning, fog desired areas using one quart per 1000 cubic feet of room area with a product solution containing 0.25 to 1 ounce per gallon water. Vacate all areas of personnel and poultry and feeds for a minimum of 2 hours after fogging. All food contact surfaces, including feed troughs, automatic feeders, and fountains must be disinfected followed by treatment with soap and water or detergent and rinsed with potable water before reuse.

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**FOGGING IS TO BE USED AS AN ADJUNCT TO ACCEPTABLE MANUAL CLEANING AND DISINFECTION OF ROOM AND MACHINE SURFACES.**

Staphylococcus aureus A.T.C.C. 6538

Pseudomonas aeruginosa A.T.C.C. 15442

Salmonella enterica A.T.C.C. 10708

Aspergillus fumigatus A.T.C.C. 36607

Porcine Respiratory & Reproductive Syndrome Virus (PRRS)

Avian Influenza (H3N2)

Escherichia Coli F18

Porcine circovirus Type 2

## SANITIZING EGG SHELLS INTENDED FOR FOOD DIRECTIONS:

To sanitize previously cleaned food-grade eggs in shell egg and egg product processing plants, spray with a solution of ¼ ounce of this product per 5 gallons of warm water (or equivalent use dilution) (200 ppm active). The solution must be warmer than the eggs, but not to exceed 130°F. Wet eggs thoroughly and allow to drain. Eggs sanitized with this product must be subjected to a potable water rinse only if they are to be broken immediately for use in the manufacture of egg products. Eggs must be reasonably dry before casing or breaking. The solution must not be re-used for sanitizing eggs.

**Note:** Only clean, whole eggs can be sanitized. Dirty, cracked or punctured eggs cannot be sanitized.



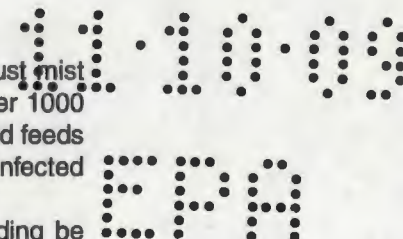
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Page 2 of 2

## DOT SHIPPING NAME

Corrosive Liquid, Acidic,  
Inorganic, n.o.s.  
(Phosphoric Acid), 8, UN3264, PG III





## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

JUN 24 2009

Mr. Gary E. Gaumer  
Preserve International  
P. O. Box 17003  
Reno, NV 89511

Subject: **SYNERGIZE**  
EPA Registration Number 66171-7  
Application Dated March 20, 2009  
Received Date March 30, 2009

Dear Mr. Gaumer:

The following amendment submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable the conditions listed below.

**Proposed Amendment:**

Add hatching egg sanitizer directions

**Conditions**

Revise your label as follows:

1. Revise the "Boot/Shoe Wash" directions by deleting the phrase, "tracking harmful organisms," and stating "to prevent cross contamination..."
2. Revise the first statement under "Environmental Hazards" to be in agreement with the ADBAC RED by stating "This pesticide is toxic to fish, aquatic invertebrates, oysters, and shrimp."
3. Delete the "Sanitizing Using a Thermal Fogger" heading and state "Directions for Fogging Animal Premises."
4. Any ADBAC product supporting fogging directions for animal housing facilities and hatchery rooms must be revised to comply with the mitigation measures addressed in the ADBAC RED. You must add the statement, "wear a dust mist respirator when mixing the use solution and pouring it into the fogging apparatus." Also, revise the second statement under "Note" to read:

SYMBOL						
SURNAME						
DATE						



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

"Under no circumstances ....within two hours of the actual fogging and a minimum of 4 air exchanges (ACH) per hour in the facility."

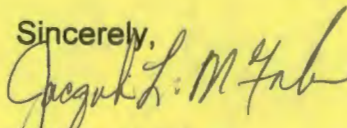
5. "Hatching Egg Sanitizer" directions are under the Food and Drug Administration's jurisdiction. If you would like to support these directions on your label, you must contact FDA and receive clearance from them. Once FDA clears your product for use as a hatching egg sanitizer, you must include a copy of FDA' letter with your resubmission.

**General Comments:**

A stamped copy of the acceptable labeling is enclosed. Submit one (1) copy of your final printed labeling before distributing or selling the product bearing the revised labeling.

Should you have any questions or comments concerning this letter, please contact Drusilla Copeland at (703) 308-6224 or Velma Noble at (703) 308-6233.

Sincerely,



Velma Noble  
Product Manager (31)  
Regulatory Management Branch I  
Antimicrobials Division (7510P)

Enclosure: stamped label

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

EPA Form 1320-1A (1/90) Printed on Recycled Paper OFFICIAL FILE COPY



#### DESCRIPTION

SYNERGIZE is a multi-purpose disinfectant-cleanser. SYNERGIZE provides a broad spectrum kill of gram negative and gram positive microorganisms. SYNERGIZE provides effective disinfecting and cleaning in one operation. SYNERGIZE is effective in warm, soft or hard water (as much as 1000 ppm CaCO<sub>3</sub>) and performs especially well in areas containing 5% serum.

SYNERGIZE is for use on glazed ceramic and tile surfaces, stainless steel, aluminum, chrome, galvanized metal, tin, brass, zinc, glass, hard non-porous treated wood, polyethylene, polypropylene, PVC (polyvinyl chloride), vinyl, sealed fiberglass, viton, ethylene propylene, nitrile, acrylic and polyurethane.

#### DIRECTIONS FOR USE:

It is in violation of Federal Law to use this product in a manner inconsistent with its labeling. Registered for disinfecting and cleaning hard non-porous surfaces. Not for use on feed, food or litter.

SYNERGIZE cleaner-disinfectant is specifically formulated for industrial use in the following Animal and Poultry Housing facilities: Turkey, Breeder, Grow Out, Fryer, Layer, Hatcheries and Swine Producing Facilities as well as the following equipment in these facilities: Waterers, Feeders, Hauling Equipment, Dressing Plants, Loading Equipment, Farrowing Barns, Nurseries, Blocks, Creep Areas, and Chutes. This product is also for use in Farm Premises, Equine Facilities, Veal Barns, Ratite Facilities (Ostrich, Emu and Rhea Facilities), Calf Pens and associated Farm Vehicles.

#### USE DIRECTIONS:

To disinfect and clean hard non-porous surfaces of walls, floors, tables, sinks, refrigerator doors, telephone booths and garbage cans in non-animal areas associated with the noted above. Apply a solution of 1/2 ounce SYNERGIZE per gallon water (dilute 1:256) to pre-cleaned surfaces. Apply with cloth, sponge, mop or mechanical coarse spray device, making sure all surfaces are wetted thoroughly. Allow surfaces to remain wet for 10 minutes. All surfaces must be rinsed with clean water and allowed to dry before reuse.

**BOOT/SHOE WASH:** To prevent contamination into animal areas, shoe baths containing one inch of freshly made disinfecting solution should be placed at all entrances to building. Scrape waterproof shoes or boots and place in a 1/2 ounce SYNERGIZE per gallon water solution. Allow the solution to come in contact with the boot/shoe for 10 minutes. Change the disinfecting solution when solution becomes visibly dirty.

**VEHICLES:** To disinfect the non-porous, hard surfaces of vehicles use a solution of 1/2 ounce SYNERGIZE per gallon of water. Apply using a high pressure or coarse spray system. Leave all treated surfaces exposed to solution for 10 minutes, or more and allow to air dry. All treated surfaces that will contact feed or drinking water must be thoroughly scrubbed with soap or detergent then rinsed with potable water before reuse.

#### DIRECTIONS FOR USE IN SWINE PRODUCING FACILITIES:

- 1) Remove all animals and feed from the premises, vehicles and enclosures.
- 2) Empty all troughs, racks, and other feeding and watering appliances.
- 3) Remove all gross soil, bedding, manure, caked on dirt, spider webs, etc. from walls to ceilings of barns, pens, stalls, chutes, and other facilities occupied or traversed by hogs or other animals.
- 4) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 5) Thoroughly saturate all surfaces with a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256), using conventional spraying methods.
- 6) Allow all treated areas to remain in contact with this solution for at least 10 minutes.
- 7) Immerse equipment used in handling and restraining animals, forks, shovels, and scrapers used for removing manure in SYNERGIZE at a dilution of 1:256. Allow to remain in contact for at least 10 minutes.
- 8) Ventilate buildings, and other closed spaces. Do not house swine or other livestock until treatment has been absorbed, set, or dried.
- 9) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

#### DIRECTIONS FOR USE IN FARM PREMISES, EQUINE FACILITIES, VEAL BARN, RATITES FACILITIES, CALF PENS AND VEHICLES:

- 1) Do not use in milking stalls, milking parlors, or milk houses.
- 2) Remove all animals and feed from the premises, vehicles, and enclosures.
- 3) Remove all gross soil, bedding, manure, caked on dirt, spider webs, etc. from floors, surfaces, and from walls to ceiling of barns, pens, stalls, chutes, and other facilities occupied or traversed by hogs or other animals.
- 4) Empty all troughs, racks, and other feeding and watering appliances.
- 5) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 6) Thoroughly saturate all surfaces with a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256), using conventional spraying methods. Allow to remain in contact with this solution for at least 10 minutes.

Manufactured by:

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# SYNERGIZE

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#### Active Ingredients:

Alkyl (C12 67%, C14 25%, C16 7%, C18 1%) dimethyl benzyl ammonium chloride.....26.00%  
Glutaraldehyde.....7.00%

#### Inert Ingredients:

.....67.00%

TOTAL.....100.00%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

See First Aid statement and additional precautions on side panel

#### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed, by storage and disposal.

#### PESTICIDE STORAGE:

Store away from heat. Do not transfer to another container. Do not reuse empty container.

#### CONTAINER DISPOSAL:

**Plastic:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

#### PESTICIDE DISPOSAL:

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instruction, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

7) Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels and scrapers used for removing manure in a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256). Allow to remain in contact for 10 minutes.

8) Ventilate buildings, cars, boats, coops and other closed spaces. Do not house poultry or livestock or employ equipment until treatment has been absorbed, set or dried.

9) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

#### DIRECTIONS FOR USE IN POULTRY HOUSE:

- 1) Remove all poultry and feeds from premises, trucks, coops, and crates.
- 2) Remove all litter and droppings from floors, walls and surfaces of facilities occupied or traversed by poultry.
- 3) Empty all troughs, racks, and other feeding and watering appliances.
- 4) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 5) Saturate surfaces with 1/2 ounce SYNERGIZE per gallon water (dilute 1:256) for a period of 10 minutes.
- 6) Ventilate building, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set, or dried.
- 7) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other water unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

#### SANITIZING USING A THERMAL FOGGER:

Fogging is to be used as an adjunct prior to acceptable manual cleaning and disinfecting of room surfaces. Close room off so fog is confined to room to be treated. Mix one (1) part SYNERGIZE to five (5) parts water. One (1) gallon of SYNERGIZE to four (5) gallons of water. Insert the nozzle of the fogger through a suitable opening into the room. With the setting on maximum output, fog for one (1) minute to reach 4,000 cubic feet of space in the room with the thermal fogger. Do not allow people to breathe or contact the fog or to enter the room until the fog has completely settled or exhausted. Normally this is 1-4 hours in this environment (less time if area is well ventilated).

\*NOTE: The fog generated by this method is very irritating to eyes, skin, and mucous membranes. Under no circumstances should a room or building be entered by anyone until the fog has completely settled, normally 1-4 hours after fogging. If the building or room must be entered, then the individuals entering the building or room must wear a self contained respirator approved by NIOSH/MSHA, goggles, long shirt sleeves and pants.

#### DIRECTIONS FOR HATCHERY ROOM FOGGING:

Prior to fogging setters or hatchers, food products and packaging must be removed from the room or carefully protected. After cleaning, fog desired areas using one quart per 1000 cubic feet of room area with a product solution containing 0.25 to 1 ounce per gallon water. Vacate all areas of personnel and poultry and feeds for a minimum of 2 hours after fogging. All food contact surfaces, including feed troughs, automatic feeders, and fountains must be disinfected followed by treatment with soap and water or detergent and rinsed with potable water before reuse.

\*NOTE: The fog generated is very irritating to eyes, skin, and mucous membranes. Under no circumstances should a room or building be entered by anyone within two hours of the actual fogging. If the building or room must be entered, then the individuals entering the building must wear a self contained respirator approved by NIOSH/MSHA, goggles, long sleeves and long pants.

**FOGGING IS TO BE USED AS AN ADJUNCT TO ACCEPTABLE MANUAL CLEANING AND DISINFECTION OF ROOM AND MACHINE SURFACES.**

#### PRECAUTIONARY STATEMENTS

Hazards to humans and domestic animals

#### DANGER

**KEEP OUT OF REACH OF CHILDREN.** Corrosive. Causes irreversible eye damage and skin burns. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Do not breathe spray mist. Wear goggles or face shield. Wear a dust/mist/filtration respirator (MSHA/NIOSH approval number prefix TC-21C) or a NIOSH approved respirator with any N, P, R, or HE prefilter. Wear protective clothing and rubber gloves. Prolonged or frequent repeated skin contact may cause allergic reaction in some individuals. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

#### FIRST AID

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes; remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye; call a poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing; rinse skin immediately with plenty of water for 15-20 minutes; call a poison control center or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible; call a poison control center or doctor for further treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice; have person sip a glass of water if able to swallow; do not induce vomiting unless told to do so by the poison control center or doctor; do not give anything by mouth to an unconscious person.

**HOT LINE NUMBER:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1 (800) 255-3924 for emergency medical treatment information. For information on this pesticide (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1 (800) 858-7378.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

#### DOT SHIPPING NAME

Corrosive Liquid, Acidic,  
Inorganic, n.o.s.  
(Phosphoric Acid), 8, UN3264, PG III

EPA Reg. No.

EPA Est.

Patent Number:

Batch No:

Net Contents:

66171-TN-001, 66171-CA-001

5,891,922



Staphylococcus aureus A.T.C.C. 6538  
Pseudomonas aeruginosa A.T.C.C. 15442  
Salmonella enterica A.T.C.C. 10708  
Aspergillus fumigatus A.T.C.C. 36607  
Porcine Respiratory & Reproductive Syndrome Virus (PRRS)  
Avian Influenza (H3N2)  
Escherichia Coli F18  
Porcine circovirus Type 2

**HATCHING EGG SANITIZER:**

~~SYNERGIZE is recommended for use as a hatching egg sanitizer, with best results being achieved in water temperatures ranging from 70°F to 110°F. The recommended dilution is 1/2 oz. per gallon of water (1:250), and may be applied through automatic washing systems, immersion tanks, foaming apparatus, low pressure sprayers, and fogging (wet misting) systems.~~





Office of Gary E. Gaumer P.O. Box 17003, Reno, NV 89511 • Bus: (775) 853-9776 • Fax: (775) 853-9212 • email: gegaumer@preserveinc.com

March 20, 2009

Ms. Velma Noble  
Office of Pesticides Programs (7504C)  
United States Environmental Protection Agency (AMEND)  
Ariel Rios Building  
1200 Pennsylvania Avenue, N.W.  
Washington, DC 20460

Dear Ms. Noble:

Preserve International is submitting amendment documents, for our product Synergize, EPA Registration Number 66171-7:

1 Amendment to add hatching egg directions for use

We have included a highlighted TekTrol label showing prior approval for such claim. In addition, we have highlighted a Synergize label with the proposed changes.

If I may be of further assistance, please feel free to contact me at 775-853-9776.

Thank you for your time and consideration.

Sincerely,  
Preserve International

Gary E. Gaumer  
President

*"The Solution Is Preserve"*







UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

April 1, 2009

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

GARY GAUMER  
PRESERVE INTERNATIONAL  
PO Box 17003  
RENO, NV 89511-

PRODUCT NAME: SYNERGIZE  
COMPANY NAME: PRESERVE INTERNATIONAL  
OPP IDENTIFICATION NUMBER:  
EPA FILE SYMBOL: 66171-7  
EPA RECEIPT DATE: 03/30/09

SUBJECT: RECEIPT OF AMENDMENT

DEAR REGISTRANT:

The Office of Pesticide Programs has received your application for an amendment and it has passed an administrative screen for completeness.

During the initial screen we determined that the application appears to qualify for fast track review. The package will now be forwarded to the Product Manager for review to determine its acceptability for fast track status.

If you have any questions, please contact Antimicrobials Division, Risk Management Team 31, at (703) 308-6233.

Sincerely,

A handwritten signature in cursive script, appearing to read "P. H. Moore", is written above the typed name and title.

Front End Processing Staff  
Information Services Branch  
Information Technology & Resources Management Division



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

APR 2 2009

Mr. Gary E. Gaumer  
President  
Preserve International  
P. O. Box 17003  
Reno, NV 89511

Subject: **Synergize**  
EPA Registration Number 66171-7  
Your Application Dated: July 24, 2006  
EPA Received Data: July 28, 2006

Dear Mr. Gaumer:

This correspondence is intended to correct the Agency comments associated with the stamped accepted label with comments as referenced above. The Agency letter of February 7, 2007 now corrected to read as follows:

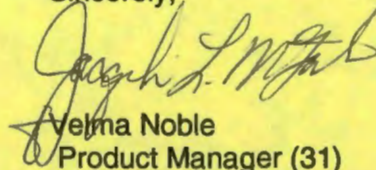
1. In a recent re-review of the data package submitted to the Agency in 2006, it was determined that the recommendation statement was inaccurate regarding the use dilution of the registered product. Briefly, the conclusions statement in the November 2006 review is "the submitted efficacy data (MRID 469088-01) support the use of the product, Synergize, as a disinfectant with virucidal activity against Porcine circovirus type 2 on hard, non-porous surfaces in the presence of 1000 ppm hard water and 5% organic soil load for a contact time of 10 minutes at a 1:256 dilution". This use dilution was misrepresented in the recommendations section, in the same efficacy review to read that "the proposed label claims that the product, Synergize, is an effective disinfectant against Porcine circovirus type 2 on hard, non-porous surfaces in the presence of 1000 ppm hard water and a 5% organic soil load for a contact time of 10 minutes at a 1 ounce per gallon dilution." The correct dilution, consistent with the efficacy data, is ½ ounce per gallon (1:256).

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							



Should you have any questions or comments concerning this letter, please contact Drusilla Copeland at (703) 308-6224 or Velma Noble on (703) 308-6233.

Sincerely,

A handwritten signature in dark ink, appearing to read "Velma Noble", is written over the printed name.

Velma Noble  
Product Manager (31)  
Regulatory Management Branch I  
Antimicrobials Division (7510P)

Enclosure: Amended Efficacy Review dated 4/1/09





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF  
PREVENTION,  
PESTICIDES  
AND TOXIC  
SUBSTANCES

April 1, 2009

**MEMORANDUM**

Subject: Amended Efficacy Review for EPA Reg. No. 66171-7, Synergize

From: Tajah L. Blackburn, Ph.D., Microbiologist  
Efficacy Evaluation Team  
Product Science Branch  
Antimicrobials Division (7510P) *[Signature]* *4/1/09*

Thru: Michele Wingfield, Chief  
Product Science Branch  
Antimicrobials Division (7510P)

To: Velma Noble PM 31/ Drusilla Copeland  
Regulatory Management Branch I  
Antimicrobials Division (7510P)

Applicant: Preserve International  
Reno, NV

Findings: In a recent re-review of the data package submitted to the Agency in 2006, it was determined that the recommendation statement was inaccurate regarding the use dilution of the registered product. Briefly, the conclusions statement in the November 2006 review is "the submitted efficacy data (MRID 469088-01) support the use of the product, Synergize, as a disinfectant with virucidal activity against Porcine circovirus type 2 on hard, non-porous surfaces in the presence of 1000 ppm hard water and a 5% organic soil load for a contact time of 10 minutes at a 1:256 dilution." This use dilution was misrepresented in the recommendations section, in the same efficacy review to read that "the proposed label claims that the product, Synergize, is an effective disinfectant against Porcine circovirus type 2 on hard, non-porous surfaces in the presence of 1000 ppm hard water and a 5% organic soil load for a contact time of 10 minutes at a 1 ounce per gallon dilution." The correct dilution, consistent with the efficacy data, is ½ ounce per gallon (1:256).





Synergize, EPA Registration Number 66171-7  
Gary E. Gaumer to: Drusilla Copeland

03/23/2009 01:17 PM

Hello,

Thank you for your voicemail.

The issue regarding Synergize, EPA Registration Number 66171-7 is with the February 7, 2007 transmittal letter. In that letter, it is stated: "Synergize is an effective disinfectant against Porcine circovirus type 2 on hard, non-porous surfaces in the presence of 1000 ppm hard water and a 5% organic soil load for a contact time of 10 minutes at a 1 ounce per gallon dilution."

The correct dilution should be 1/2 ounce per gallon (1:256).

Thank you for your attention.

Gary

775-853-9776





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

April 25, 2006

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

OPP Decision Number: D-365344  
EPA File Symbol or Registration Number: 66171-7  
Product Name: SYNERGIZE  
EPA Application Receipt Date: 27-Feb-2006  
EPA Waiver Request Receipt date: 17-Mar-2006  
EPA Company Number: 66171  
Company Name: PRESERVE INTERNATIONAL

GARY GAUMER  
PRESERVE INTERNATIONAL  
PO Box 3135  
TURLOCK, CA 95381

SUBJECT: Approval of 100% Small Business Waiver Request

Dear Registrant:

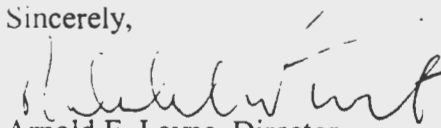
The Office of Pesticide Programs has approved your request for 100% waiver of the pesticide registration fee associated with the action referenced above. The decision review period for this action begins on the date of this letter.

The Action has been identified as Action Code: A57

AMENDMENT;NON-FAST TRACK

If you have any questions, please contact Pesticide Registration Service Fee  
Ombudsman, at (703) 308-6432.

Sincerely,

  
Arnold E. Layne, Director

Information Technology & Resources Management Division



Material to be added to a Mini-Jacket  
(in the case where an e-Jacket exists)

Reg. No. 66171-7

Send to SIG: check box ☐

This material is:

- ☐ New stamped-accepted label
- ☐ New CSF
- ☐ Notification
- ☒ Final Printed Label
- ☐ Other: \_\_\_\_\_

Instructions: Attach this notice on top of the material. It must be clipped all together and there should be NO STAPLES in the material. Then give the material with this coversheet to staff in the Information Services Center (Room 230).

Reviewer's Name: Endy Beck

Phone: 308-6359 Division: AD

Date: 3/26/07

178  
SIG  
3/29/07





United States  
Environmental Protection Agency  
Washington, DC 20460

☐ Registration  
☐ Amendment  
☒ Other

OPP Identifier Number

## Application for Pesticide - Section I

1. Company/Product Number 66171-7	2. EPA Product Manager Noble	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Synergize	PM# 31	
5. Name and Address of Applicant (Include ZIP Code) Preserve International PO Box 17003 Reno, NV 89511 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

## Section - II

<input type="checkbox"/> Amendment - Explain below.	<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated February 7, 2007
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Final labels in response to EPA letter dated, February 7, 2007.

## Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product		<input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____			

## Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Gary E. Gaumer		Title President	
		Telephone No. (include Area Code) 530-879-9220	
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			
2. Signature 		3. Title President	
4. Typed Name Gary E. Gaumer		5. Date February 22, 2007	
6. Date Application Received (Stamped) 			



## DESCRIPTION

SYNERGIZE is a multi-purpose disinfectant-cleaner. SYNERGIZE provides a broad spectrum kill of gram negative and gram positive microorganisms. SYNERGIZE provides effective disinfecting and cleaning in one operation. SYNERGIZE is effective in warm, soft or hard water (as much as 1000 ppm CaCO<sub>3</sub>) and performs especially well in areas containing 5% serum.

SYNERGIZE is for use on glazed ceramic and tile surfaces, stainless steel, aluminum, chrome, galvanized metal, tin, brass, zinc, glass, hard non-porous treated wood, polyethylene, polypropylene, PVC (polyvinyl chloride), vinyl, sealed fiberglass, viton, ethylene propylene, nitrile, acrylic and polyurethane.

## DIRECTIONS FOR USE:

It is in violation of Federal Law to use this product in a manner inconsistent with its labeling. Registered for disinfecting and cleaning hard non-porous surfaces. Not for use on feed, food or litter.

SYNERGIZE cleaner-disinfectant is specifically formulated for industrial use in the following Animal and Poultry Housing facilities: Turkey, Breeder, Grow Out, Fryer, Layer, Hatcheries and Swine Producing Facilities as well as the following equipment in these facilities: Waterers, Feeders, Hauling Equipment, Loading Equipment, Farrowing Barns, Nurseries, Blocks, Creep Areas, and Chutes. This product is also for use in Farm Premise, Equine Facilities, Veal Barns, Ratite Facilities (Ostrich, Emu and Rhea Facilities), Calf Pens and associated Farm Vehicles.

## USE DIRECTIONS:

To disinfect and clean hard non-porous surfaces of walls, floors, tables, sinks, refrigerator exteriors, telephone booths and garbage cans in non-animal areas associated with the sites noted above. Apply a solution of 1/2 ounce SYNERGIZE per gallon water (dilute 1:256) to pre-cleaned surfaces. Apply with cloth, sponge, mop or mechanical coarse spray device, making sure all surfaces are wetted thoroughly. Allow surfaces to remain wet for 10 minutes. All surfaces must be rinsed with clean water and allowed to dry before reuse.

**BOOT/SOUE WASH:** To prevent tracking harmful organisms into animal areas, shoe baths containing one inch of freshly made disinfecting solution should be placed at all entrances to building. Scrape waterproof shoes or boots and place in a 1/2 ounce SYNERGIZE per gallon water solution. Allow the solution to come in contact with the boot/shoe for 10 minutes. Change the disinfecting solution when solution becomes visibly dirty.

**VEHICLES:** To disinfect the non-porous, hard surfaces of vehicles use a solution of 1/2 ounce SYNERGIZE per gallon of water. Apply using a high pressure or coarse spray system. Leave all treated surfaces exposed to solution for 10 minutes, or more and allow to air dry. All treated surfaces that will contact feed or drinking water must be thoroughly scrubbed with soap or detergent then rinsed with potable water before reuse.

## DIRECTIONS FOR USE IN SWINE PRODUCING FACILITIES:

- 1) Remove all animals and feed from the premises, vehicles and enclosures.
- 2) Empty all troughs, racks, and other feeding and watering appliances.
- 3) Remove all gross soil, bedding, manure, caked on dirt, spider webs, etc. from walls to ceilings of barns, pens, stalls, chutes, and other facilities occupied or traversed by hogs or other animals.
- 4) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 5) Thoroughly saturate all surfaces with a solution of 1/2 oz SYNERGIZE per gallon of water (1:256), using conventional spraying methods.
- 6) Allow all treated areas to remain in contact with this solution for at least 10 minutes.
- 7) Immerse equipment used in handling and restraining animals, forks, shovels and scrapers used for removing manure in SYNERGIZE at a dilution of 1:256. Allow to remain in contact for at least 10 minutes.
- 8) Ventilate buildings, and other closed spaces. Do not house swine or other livestock until treatment has been absorbed, set, or dried.
- 9) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

**DIRECTIONS FOR USE IN FARM PREMISES, EQUINE FACILITIES, VEAL BARN, RATITES FACILITIES, Calf Pens and VEHICLES:**

- 1) Do not use in milking stalls, milking parlors, or milk houses.
- 2) Remove all animals and feed from the premises, vehicles, and enclosures.
- 3) Remove all gross soil, bedding, manure, caked on dirt, spider webs, etc. from floors, surfaces, and from walls to ceilings of barns, pens, stalls, chutes, and other facilities occupied or traversed by hogs or other animals.
- 4) Empty all troughs, racks, and other feeding and watering appliances.
- 5) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 6) Thoroughly saturate all surfaces with a solution of 1/2 oz SYNERGIZE per gallon of water (1:256) using conventional spraying methods. Allow to remain in contact with this solution for at least 10 minutes.



Zephyr Cove, NV 89448 (209) 664-1607 • www.preserveinternational.com

# SYNERGIZE CLEANER-DISINFECTANT

*Synergize cleaner-disinfectant is specifically formulated for industrial use in the following Animal and Poultry Housing facilities: Turkey, Breeder, Grow Out, Fryer, Layer, Hatcheries and Swine Producing Facilities as well as the following equipment in these facilities: Waterers, Feeders, Hauling Equipment, Loading Equipment, Farrowing Barns, Nurseries, Blocks, Creep Areas, and Chutes. This product is also for use in Farm Premise, Equine Facilities, Veal Barns, Ratite Facilities (Ostrich, Emu and Rhea Facilities), Calf Pens and associated Farm Vehicles.*

Staphylococcus aureus A.T.C.C. 6538  
Salmonella choleraesuis A.T.C.C. 10708  
Porcine Respiratory & Reproductive Syndrome Virus (PRRS)  
Escherichia Coli F18

Pseudomonas aeruginosa A.T.C.C. 15442  
Aspergillus fumigatus A.T.C.C. 36607  
Avian Influenza (H3N2)  
Porcine circovirus Type 2

## ACTIVE INGREDIENTS

Alkyl (C <sub>12</sub> 67%, C <sub>14</sub> 25%, C <sub>16</sub> 7%, C <sub>18</sub> 1%) dimethyl benzyl ammonium chloride	26.00%
Glutaraldehyde	7.00%
INERT INGREDIENTS	67.00%
TOTAL	100.00%

## KEEP OUT OF REACH OF CHILDREN DANGER

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

## See First Aid statement and additional precautions on side panel STORAGE AND DISPOSAL

Do not contaminate water, food, or feed, by storage and disposal.

## PESTICIDE STORAGE:

Store away from heat. Do not transfer to another container. Do not reuse empty container.

## CONTAINER DISPOSAL:

**Plastic:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## PESTICIDE DISPOSAL:

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instruction, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

EPA Registration No.: 66171-7

EPA Establishment No.: 66171-TN-001

66171-CA-001

Patent Number: 5,891,922

## NFPA HAZARD CLASSIFICATION

HEALTH	FIRE	REACTIVITY	SPECIFIC
3	1	1	None

- 7) Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels and scrapers used for removing manure in a solution of 1/2 oz SYNERGIZE per gallon of water (1:256). Allow to remain in contact for 10 minutes.
- 8) Ventilate buildings, cars, boats, coops and other closed spaces. Do not house poultry or livestock or employ equipment until treatment has been absorbed, set or dried.
- 9) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

## DIRECTIONS FOR USE IN POULTRY HOUSE:

- 1) Remove all poultry and feeds from premises, trucks, coops, and crates.
- 2) Remove all litter and droppings from floors, walls and surfaces of facilities occupied or traversed by poultry.
- 3) Empty all troughs, racks, and other feeding and watering appliances.
- 4) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 5) Saturate surfaces with 1/2 ounce SYNERGIZE per gallon water (dilute 1:256) for a period of 10 minutes.
- 6) Ventilate building, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set, or dried.
- 7) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

Prior to fogging setters or hatchers, food products and packaging must be removed from the room or carefully protected. After cleaning, fog desired areas using one quart per 100 cubic feet of room area with a product solution containing 0.25 to 1 ounce per gallon water. Vacate all areas of personnel and poultry and feeds for a minimum of 2 hours after fogging. All food contact surfaces, including feed troughs, automatic feeders, and fountains must be disinfected followed by treatment with soap and water or detergent and rinsed with potable water before reuse.

**\*NOTE:** The fog generated is very irritating to eyes, skin, and mucous membranes. Under no circumstances should a room or building be entered by anyone within two hours of the actual fogging. If the building or room must be entered, then the individuals entering the building must wear a self contained respirator approved by NIOSH/MSHA, goggles, long sleeves and long pants.

**FOGGING IS TO BE USED AS AN ADJUNCT TO ACCEPTABLE MANUAL CLEANING AND DISINFECTION OF ROOM AND MACHINE SURFACES.**

## PRECAUTIONARY STATEMENTS

Hazards to humans and domestic animals

## DANGER

**KEEP OUT OF REACH OF CHILDREN.** Corrosive. Causes irreversible eye damage and skin burns. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Do not breathe spray mist. Wear goggles or face shield. Wear a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C) or a NIOSH approved respirator with any N, P, R, or HE prefilter. Wear protective clothing and rubber gloves. Prolonged or frequent repeated skin contact may cause allergic reaction in some individuals. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

## STATEMENT OF PRACTICAL TREATMENT

### FIRST AID

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes; remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye; call a poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing; rinse skin immediately with plenty of water for 15-20 minutes, call a poison control center or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible; call a poison control center or doctor for further treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice, have person sip a glass of water if able to swallow; do not induce vomiting unless told to do so by the poison control center or doctor; do not give anything by mouth to an unconscious person.

**HOT LINE NUMBER:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1 (800) 255-3924 for emergency medical treatment information. For information on this pesticide (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1 (800) 858-7378.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other water unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.



## SANITIZING USING A THERMAL FOGGER:

Fogging is to be used as an adjunct prior to acceptable manual cleaning and disinfecting of room surfaces. Close room off so fog is confined to room to be treated. Mix one (1) part SYNERGIZE to five (5) parts water. One (1) gallon of SYNERGIZE to four (5) gallons of water. Insert the nozzle of the fogger through a suitable opening into the room. With the setting on maximum output, fog for one (1) minute to reach 4,000 cubic feet of space in the room with the thermal fogger. Do not allow people to breathe or contact the fog or to enter the room until the fog has completely settled or exhausted. Normally this is 1-4 hours in this environment (less time if area is well ventilated).

\*NOTE: The fog generated by this method is very irritating to eyes, skin, and mucous membranes. Under no circumstances should a room or building be entered by anyone until the fog has completely settled, normally 1-4 hours after fogging. If the building or room must be entered, then the individuals entering the building or room must wear a self contained respirator approved by NIOSH/MSHA, goggles, long shirt sleeves and pants.

843

20-70-20



## DESCRIPTION

SYNERGIZE is a multi-purpose disinfectant-cleaner. SYNERGIZE provides a broad spectrum kill of gram negative and gram positive microorganisms. SYNERGIZE provides effective disinfecting and cleaning in one operation. SYNERGIZE is effective in warm, soft or hard water (as much as 1000 ppm  $\text{CaCO}_3$ ) and performs especially well in areas containing 5% serum.

SYNERGIZE is for use on glazed ceramic and tile surfaces, stainless steel, aluminum, chrome, galvanized metal, tin, brass, zinc, glass, hard non-porous treated wood, polyethylene, polypropylene, PVC (polyvinyl chloride), vinyl, sealed fiberglass, viton, ethylene propylene, nitrile, acrylic and polyurethane.

## DIRECTIONS FOR USE:

It is in violation of Federal Law to use this product in a manner inconsistent with its labeling. Registered for disinfecting and cleaning hard non-porous surfaces. Not for use on feed, food or litter.

SYNERGIZE cleaner-disinfectant is specifically formulated for industrial use in the following Animal and Poultry Housing facilities: Turkey, Breeder, Grow Out, Fryer, Layer, Hatcheries and Swine Producing Facilities as well as the following equipment in these facilities: Waterers, Feeders, Hauling Equipment, Dressing Plants, Loading Equipment, Farrowing Barns, Nurseries, Blocks, Creep Areas, and Chutes. This product is also for use in Farm Premise, Equine Facilities, Veal Barns, Ratite Facilities (Ostrich, Emu and Rhea Facilities), Calf Pens and associated Farm Vehicles.

## USE DIRECTIONS:

To disinfect and clean hard non-porous surfaces of walls, floors, tables, sinks, refrigerator exteriors, telephone booths and garbage cans in non-animal areas associated with the sites noted above. Apply a solution of 1/2 ounce SYNERGIZE per gallon water (dilute 1:256) to pre-cleaned surfaces. Apply with cloth, sponge, mop or mechanical coarse spray device, making sure all surfaces are wetted thoroughly. Allow surfaces to remain wet for 10 minutes. All surfaces must be rinsed with clean water and allowed to dry before reuse.

**BOOT/SOUE WASH:** To prevent tracking harmful organisms into animal areas, shoe baths containing one inch of freshly made disinfecting solution should be placed at all entrances to building. Scrape waterproof shoes or boots and place in a 1/2 ounce SYNERGIZE per gallon water solution. Allow the solution to come in contact with the boot/shoe for 10 minutes. Change the disinfecting solution when solution becomes visibly dirty.

**VEHICLES:** To disinfect the non-porous, hard surfaces of vehicles use a solution of 1/2 ounce SYNERGIZE per gallon of water. Apply using a high pressure or coarse spray system. Leave all treated surfaces exposed to solution for 10 minutes, or more and allow to air dry. All treated surfaces that will contact feed or drinking water must be thoroughly scrubbed with soap or detergent then rinsed with potable water before reuse.

## DIRECTIONS FOR USE IN SWINE PRODUCING FACILITIES:

- 1) Remove all animals and feed from the premises, vehicles and enclosures
- 2) Empty all troughs, racks, and other feeding and watering appliances
- 3) Remove all gross soil, bedding, manure, caked on dirt, spider webs, etc. from walls to ceilings of barns, pens, stalls, chutes, and other facilities occupied or traversed by hogs or other animals
- 4) Thoroughly clean all surfaces with soap or detergent and rinse with water
- 5) Thoroughly saturate all surfaces with a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256), using conventional spraying methods.
- 6) Allow all treated areas to remain in contact with this solution for at least 10 minutes
- 7) Immerse equipment used in handling and restraining animals, forks, shovels, and scrapers used for removing manure in SYNERGIZE at a dilution of 1:256. Allow to remain in contact for at least 10 minutes.

8) Ventilate buildings, and other closed spaces. Do not house swine or other livestock until treatment has been absorbed, set, or dried.

9) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

## DIRECTIONS FOR USE IN FARM PREMISES, EQUINE FACILITIES, VEAL BARN, RATITES FACILITIES, CALF PENS AND VEHICLES:

- 1) Do not use in milking stalls, milking parlors, or milk houses
- 2) Remove all animals and feed from the premises, vehicles, and enclosures
- 3) Remove all gross soil, bedding, manure, caked on dirt, spider webs, etc. from floors, surfaces, and from walls to ceiling of barns, pens, stalls, chutes, and other facilities occupied or traversed by hogs or other animals
- 4) Empty all troughs, racks, and other feeding and watering appliances
- 5) Thoroughly clean all surfaces with soap or detergent and rinse with water
- 6) Thoroughly saturate all surfaces with a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256), using conventional spraying methods. Allow to remain in contact with this solution for at least 10 minutes

# SYNERGIZE CLEANER-DISINFECTANT

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Staphylococcus aureus A.T.C.C. 6538  
Salmonella choleraesuis A.T.C.C. 10708  
Porcine Respiratory & Reproductive Syndrome Virus (PRRS)  
Escherichia Coli F18

Pseudomonas aeruginosa A.T.C.C. 15442  
Aspergillus fumigatus A.T.C.C. 36607  
Avian Influenza (H3N2)  
Porcine circovirus Type 2

## ACTIVE INGREDIENTS

Alkyl (C<sub>12</sub> 67%, C<sub>14</sub> 25%, C<sub>16</sub> 7%, C<sub>18</sub> 1%) dimethyl benzyl ammonium chloride

.....26.00%

Glutaraldehyde .....7.00%

INERT INGREDIENTS .....67.00%

TOTAL .....100.00%

## KEEP OUT OF REACH OF CHILDREN DANGER

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

See First Aid statement and additional precautions on side panel  
**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed, by storage and disposal.

## PESTICIDE STORAGE:

Store away from heat. Do not transfer to another container. Do not reuse empty container

## CONTAINER DISPOSAL:

Plastic: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## PESTICIDE DISPOSAL:

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instruction, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

EPA Registration No.: 66171- 7

EPA Establishment No.: 66171-TN-001

66171-CA-001

Patent Number: 5,891,922

## NFPA HAZARD CLASSIFICATION

HEALTH	FIRE	REACTIVITY	SPECIFIC
3	1	1	None

- 7) Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels and scrapers used for removing manure in a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256). Allow to remain in contact for 10 minutes
- 8) Ventilate buildings, cars, boats, coops and other closed spaces. Do not house poultry or livestock or employ equipment until treatment has been absorbed, set, or dried
- 9) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse

## DIRECTIONS FOR USE IN POULTRY HOUSE:

- 1) Remove all poultry and feeds from premises, trucks, coops and crates
- 2) Remove all litter and droppings from floors, walls and surfaces of facilities occupied or traversed by poultry
- 3) Empty all troughs, racks, and other feeding and watering appliances
- 4) Thoroughly clean all surfaces with soap or detergent and rinse with water
- 5) Saturate surfaces with 1/2 ounce SYNERGIZE per gallon water (dilute 1:256) for a period of 10 minutes
- 6) Ventilate building, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set, or dried.
- 7) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse

Prior to fogging setters or hatchers, food products and packaging must be removed from the room or carefully protected. After cleaning, fog desired areas using one quart per 100 cubic feet of room area with a product solution containing 0.25 to 1 ounce per gallon water. Vacate all areas of personnel and poultry and feeds for a minimum of 2 hours after fogging. All food contact surfaces, including feed troughs, automatic feeders, and fountains must be disinfected followed by treatment with soap and water or detergent and rinsed with potable water before reuse.

\*NOTE: The fog generated is very irritating to eyes, skin, and mucous membranes. Under no circumstances should a room or building be entered by anyone within two hours of the actual fogging. If the building or room must be entered, then the individuals entering the building must wear a self contained respirator approved by NIOSH/MSHA, goggles, long sleeves and long pants

**FOGGING IS TO BE USED AS AN ADJUNCT TO ACCEPTABLE MANUAL CLEANING AND DISINFECTION OF ROOM AND MACHINE SURFACES.**

## PRECAUTIONARY STATEMENTS

Hazards to humans and domestic animals

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843

20.10.00



## DESCRIPTION

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**VEHICLES:** To disinfect the non-porous, hard surfaces of vehicles use a solution of 1/2 ounce SYNERGIZE per gallon of water. Apply using a high pressure or coarse spray system. Leave all treated surfaces exposed to solution for 10 minutes, or more and allow to air dry. All treated surfaces that will contact feed or drinking water must be thoroughly scrubbed with soap or detergent then rinsed with potable water before reuse.

## DIRECTIONS FOR USE IN SWINE PRODUCING FACILITIES:

- 1) Remove all animals and feed from the premises, vehicles and enclosures.
- 2) Empty all troughs, racks, and other feeding and watering appliances.
- 3) Remove all gross soil, bedding, manure, caked on dirt, spider webs, etc. from walls to ceilings of barns, pens, stalls, chutes, and other facilities occupied or traversed by hogs or other animals.
- 4) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 5) Thoroughly saturate all surfaces with a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256), using conventional spraying methods.
- 6) Allow all treated areas to remain in contact with this solution for at least 10 minutes.

7) Immerse equipment used in handling and restraining animals, forks, shovels, and scrapers used for removing manure in SYNERGIZE at a dilution of 1:256. Allow to remain in contact for at least 10 minutes.

8) Ventilate buildings, and other closed spaces. Do not house swine or other livestock until treatment has been absorbed, set, or dried.

9) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

## DIRECTIONS FOR USE IN FARM PREMISES, EQUINE FACILITIES, VEAL BARN, RATITES FACILITIES, CALF PENS AND VEHICLES:

- 1) Do not use in milking stalls, milking parlors, or milk houses.
- 2) Remove all animals and feed from the premises, vehicles, and enclosures.
- 3) Remove all gross soil, bedding, manure, caked on dirt, spider webs, etc. from floors, surfaces, and from walls to ceiling of barns, pens, stalls, chutes, and other facilities occupied or traversed by hogs or other animals.
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Staphylococcus aureus A.T.C.C. 6538

Salmonella choleraesuis A.T.C.C. 10708

Porcine Respiratory & Reproductive Syndrome Virus (PRRS)

Escherichia Coli F18

Pseudomonas aeruginosa A.T.C.C. 15442

Aspergillus fumigatus A.T.C.C. 36607

Avian Influenza (H3N2)

Porcine circovirus Type 2

## ACTIVE INGREDIENTS

Alkyl (C<sub>12</sub> 67%, C<sub>14</sub> 25%, C<sub>16</sub> 7%, C<sub>18</sub> 1%) dimethyl benzyl ammonium chloride

Glutaraldehyde ..... 26.00%

INERT INGREDIENTS ..... 67.00%

TOTAL ..... 100.00%

## KEEP OUT OF REACH OF CHILDREN DANGER

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

See First Aid statement and additional precautions on side panel

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed, by storage and disposal.

## PESTICIDE STORAGE:

Store away from heat. Do not transfer to another container. Do not reuse empty container.

## CONTAINER DISPOSAL:

Plastic: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## PESTICIDE DISPOSAL:

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EPA Registration No.: 66171- 7

EPA Establishment No.: 66171-TN-001

66171-CA-001

Patent Number: 5,891,922

## NFPA HAZARD CLASSIFICATION

HEALTH	FIRE	REACTIVITY	SPECIFIC
3	1	1	None

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- 8) Ventilate buildings, cars, boats, coops and other closed spaces. Do not house poultry or livestock or employ equipment until treatment has been absorbed, set, or dried.
- 9) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

## DIRECTIONS FOR USE IN POULTRY HOUSE:

- 1) Remove all poultry and feeds from premises, trucks, coops, and crates.
- 2) Remove all litter and droppings from floors, walls and surfaces of facilities occupied or traversed by poultry.
- 3) Empty all troughs, racks, and other feeding and watering appliances.
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## STATEMENT OF PRACTICAL TREATMENT

### FIRST AID

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

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**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible; call a poison control center or doctor for further treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice; have person sip a glass of water if able to swallow, do not induce vomiting unless told to do so by the poison control center or doctor; do not give anything by mouth to an unconscious person.

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43

10-10-00



# Material to be added to a Mini-Jacket (in the case where an e-Jacket exists)

Reg. No. 66171-7

Send to SIG: check box ☒

This material is:

- ☒ New stamped-accepted label
- ☐ New CSF
- ☐ Notification
- ☐ Final Printed Label
- ☒ Other: Efficacy review, Form 8570-1, and other material

Instructions: Attach this notice on top of the material. It must be clipped all together and there should be NO STAPLES in the material. Then give the material with this coversheet to staff in the Information Services Center (Room 230).

Reviewer's Name: Drusilla Copeland

Phone: 703-308-6224 Division: AD

Date: 3/7/07



FEB - 7 2007

-Mr. Gary E. Gaumer  
 President  
 Preserve International  
 P. O. Box 17003  
 Reno, NV 89511

Subject: **Synergize**  
 EPA Registration Number 66171-7  
 Your Application Dated: July 24, 2006  
 EPA Received Data: July 28, 2006

Dear Mr. Gaumer:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended is acceptable with the following comments:

**Proposed Labeling:**

Add additional organism (Porcine circovirus type 2 to label)

**Efficacy Review:**

1. The proposed label claims that the product, Synergize, is an effective disinfectant against Porcine circovirus type 2 on hard, non-porous surfaces in the presence of 1000 ppm hard water and a 5% organic soil load for a contact time of 10 minutes at a 1 ounce per gallon dilution. Data provided supports this claim.
2. Make the following changes to the proposed label:
  - a. Under the "Description" section ( left panel), change "fiberglass" to read "sealed fiberglass." Fiberglass is a porous surface.
  - b. Under the "Use Directions" section regarding vehicles (left panel), change "course spray " to read "coarse spray."
  - c. Under the list of microorganisms, change "Avian influenza" to read "Avian Influenza virus (H3N2)".

d. Under Active Ingredients statement line up the "percentage numbers and total".

SYMBOL	CONCURRENCES					
SURNAME						
DATE						



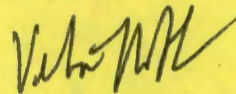
**Other Comments:**

Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

A stamped copy of the label is enclosed for your records.

Should you have any questions or comments concerning this letter, please contact Drusilla Copeland at (703) 308-6224.

Sincerely,

A handwritten signature in black ink, appearing to read 'Velma Noble', with a stylized flourish at the end.

Velma Noble  
Product Manager (31)  
Regulatory Management Branch I  
Antimicrobials Division (7510C)

Enclosure:



## DESCRIPTION

SYNERGIZE is a multi-purpose disinfectant-cleaner. SYNERGIZE provides a broad spectrum kill of gram negative and gram positive microorganisms. SYNERGIZE provides effective disinfecting and cleaning in one operation. SYNERGIZE is effective in warm, soft or hard water (as much as 1000 ppm  $\text{CaCO}_3$ ) and performs especially well in areas containing 5% serum.

SYNERGIZE is for use on glazed ceramic and tile surfaces, stainless steel, aluminum, chrome, galvanized metal, tin, brass, zinc, glass, hard non-porous treated wood, polyethylene, polypropylene, PVC (polyvinyl chloride), vinyl, fiberglass, nylon, ethylene propylene, nitrile, acrylic and polyurethane.

## DIRECTIONS FOR USE:

It is in violation of Federal Law to use this product in a manner inconsistent with its labeling. Registered for disinfecting and cleaning hard non-porous surfaces. Not for use on feed, food or litter.

SYNERGIZE cleaner-disinfectant is specifically formulated for industrial use in the following Animal and Poultry Housing facilities: Turkey, Breeder, Grow Out, Fryer, Layer, Hatcheries and Swine Producing Facilities as well as the following equipment in these facilities: Waterers, Feeders, Hauling Equipment, Dressing Plants, Loading Equipment, Farrowing Barns, Nurseries, Blocks, Creep Areas, and Chutes. This product is also for use in Farm Premises, Equine Facilities, Veal Barns, Ratite Facilities (Ostrich, Emu and Rhea Facilities), Calf Pens and associated Farm Vehicles.

## USE DIRECTIONS:

To disinfect and clean hard non-porous surfaces of walls, floors, tables, sinks, refrigerator exterior, phone booths and garbage cans in non-animal areas associated with the sites noted above. Apply a solution of 1/2 ounce SYNERGIZE per gallon water (dilute 1:256) to pre-cleaned surfaces. Apply with cloth, sponge, mop or mechanical coarse spray device, making sure all surfaces are wetted thoroughly. Allow surfaces to remain wet for 10 minutes. All surfaces must be rinsed with clean water and allowed to dry before reuse.

**BOOTSHOE WASH:** To prevent tracking harmful organisms into animal areas, shoe baths containing one inch of freshly made disinfecting solution should be placed at all entrances to building. Scrape waterproof shoes or boots and place in a 1/2 ounce SYNERGIZE per gallon water solution. Allow the solution to come in contact with the boot/shoe for 10 minutes. Change the disinfecting solution when solution becomes visibly dirty.

**VEHICLES:** To disinfect the non-porous, hard surfaces of vehicles use a solution of 1/2 ounce SYNERGIZE per gallon of water. Apply using a high pressure or coarse spray system. Leave all treated surfaces exposed to solution for 10 minutes, or more and allow to air dry. All treated surfaces that will contact feed or drinking water must be thoroughly scrubbed with soap or detergent then rinsed with potable water before reuse.

## DIRECTIONS FOR USE IN SWINE PRODUCING FACILITIES:

- 1) Remove all animals and feed from the premises, vehicles and enclosures.
- 2) Empty all troughs, racks, and other feeding and watering appliances.
- 3) Remove all gross soil, bedding, manure, caked on dirt, spider webs, etc. from walls to ceilings of barns, pens, stalls, chutes, and other facilities occupied or traversed by hogs or other animals.
- 4) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 5) Thoroughly saturate all surfaces with a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256), using conventional spraying methods.
- 6) Allow all treated areas to remain in contact with this solution for at least 10 minutes.
- 7) Immerse all equipment used in handling and restraining animals, forks, shovels, and scrapers used for removing manure in SYNERGIZE at a dilution of 1:256. Allow to remain in contact for at least 10 minutes.
- 8) Ventilate buildings, and other closed spaces. Do not house swine or other livestock until treatment has been absorbed, set, or dried.
- 9) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

## DIRECTIONS FOR USE IN FARM PREMISES, EQUINE FACILITIES, VEAL BARN, RATITE FACILITIES, CALF PENS AND VEHICLES:

- 1) Do not use in milking stalls, milking parlors, or milk houses.
- 2) Remove all animals and feed from the premises, vehicles, and enclosures.
- 3) Remove all gross soil, bedding, manure, caked on dirt, spider webs, etc. from floors, surfaces, and from walls to ceiling of barns, pens, stalls, chutes, and other facilities occupied or traversed by hogs or other animals.
- 4) Empty all troughs, racks, and other feeding and watering appliances.
- 5) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 6) Thoroughly saturate all surfaces with a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256), using conventional spraying methods. Allow to remain in contact with this solution for at least 10 minutes.

Manufactured By:

**PRESERVE**  
INTERNATIONAL

Zephyr Cove, NV 89448 (209) 664-1607 • www.preserveinternational.com 66171-7

# SYNERGIZE CLEANER-DISINFECTANT

*Synergize cleaner-disinfectant is specifically formulated for industrial use in the following Animal and Poultry Housing facilities: Turkey, Breeder, Grow Out, Fryer, Layer, Hatcheries and Swine Producing Facilities as well as the following equipment in these facilities: Waterers, Feeders, Hauling Equipment, Loading Equipment, Farrowing Barns, Nurseries, Blocks, Creep Areas, and Chutes. This product is also for use in Farm Premises, Equine Facilities, Veal Barns, Ratite Facilities (Ostrich, Emu and Rhea Facilities), Calf Pens and associated Farm Vehicles.*

Staphylococcus aureus A.T.C.C. 6538

Pseudomonas aeruginosa A.T.C.C. 15442

Salmonella choleraesuis A.T.C.C. 10708

Aspergillus fumigatus A.T.C.C. 36807

Porcine Respiratory & Reproductive Syndrome Virus (PRRS)

Avian Influenza

Escherichia Coli F18

Porcine circovirus Type 2

## ACTIVE INGREDIENTS

Alkyl (C <sub>12</sub> 67%, C <sub>14</sub> 25%, C <sub>16</sub> 7%, C <sub>18</sub> 1%) dimethyl benzyl ammonium chloride	26.00%
Glutaraldehyde	7.00%
INERT INGREDIENTS	67.00%
TOTAL	100.00%

## KEEP OUT OF REACH OF CHILDREN DANGER

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

See First Aid statement and additional precautions on side panel

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed, by storage and disposal.

## PESTICIDE STORAGE:

Store away from heat. Do not transfer to another container. Do not reuse empty container

## CONTAINER DISPOSAL:

Plastic: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## PESTICIDE DISPOSAL:

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instruction, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

EPA Registration No.: 66171-7

EPA Establishment No.: 66171-TN

66171-CA-001

Patent Number: 5,891,922

NFPA HAZARD CLASSIFICATION

HEALTH	FIRE	REACTIVITY
3	1	1

Under the Federal Insecticide, Fungicide, and Rodenticide Act, registered under EPA Reg. No.

FEB - 7 2007

- 7) Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels and scrapers used for removing manure in a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256). Allow to remain in contact for 10 minutes.
- 8) Ventilate buildings, cars, boats, coops and other closed spaces. Do not house poultry or livestock or employ equipment until treatment has been absorbed, set or dried.
- 9) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

## DIRECTIONS FOR USE IN POULTRY HOUSES:

- 1) Remove all poultry and feeds from premises, tracks, coops and crates.
- 2) Remove all litter and droppings from floors, walls and surfaces of facilities occupied or traversed by poultry.
- 3) Empty all troughs, racks, and other feeding and watering appliances.
- 4) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 5) Saturate surfaces with 1/2 ounce SYNERGIZE per gallon water (dilute 1:256) for a period of 10 minutes.
- 6) Ventilate building, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set, or dried.
- 7) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

Prior to fogging setters or hatchers, food products and packaging must be removed from the room or carefully protected. After cleaning, fog desired areas using one quart per 1000 cubic feet of room area with a product solution containing 0.25 to 1 ounce per gallon water. Vase all areas of personnel and poultry and feeds for a minimum of 2 hours after fogging. All food contact surfaces, including feed troughs, automatic feeders, and fountains must be disinfected followed by treatment with soap and water or detergent and rinsed with potable water before reuse.

\*NOTE: The fog generated is very irritating to eyes, skin, and mucous membranes. Under no circumstances should a room or building be entered by anyone within two hours of the actual fogging. If the building or room must be entered, then the individuals entering the building must wear a self contained respirator approved by NIOSH/MSHA, goggles, long sleeves and long pants.

FOGGING IS TO BE USED AS AN ADJUNCT TO ACCEPTABLE MANUAL CLEANING AND DISINFECTION OF ROOM AND MACHINE SURFACES.

## PRECAUTIONARY STATEMENTS

Hazards to humans and domestic animals

## DANGER

KEEP OUT OF REACH OF CHILDREN. Corrosive. Causes irreversible eye damage and skin burns. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Do not breathe spray mist. Wear goggles or face shield. Wear a dust/mist/filtrating respirator (MSHA/NIOSH approval number prefix TC-21C) or a NIOSH approved respirator with any N, P, R, or HE prefilter. Wear protective clothing and rubber gloves. Prolonged or frequent repeated skin contact may cause allergic reaction in some individuals. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

## STATEMENT OF PRACTICAL TREATMENT

### FIRST AID

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes; remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye; call a poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing; rinse skin immediately with plenty of water for 15-20 minutes; call a poison control center or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible; call a poison control center or doctor for further treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice; have person sip a glass of water if able to swallow; do not induce vomiting unless told to do so by the poison control center or doctor; do not give anything by mouth to an unconscious person.

**HOT LINE NUMBER:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1 (800) 255-3924 for emergency medical treatment information. For information on this pesticide (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1 (800) 858-7378.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other water unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

Net Contents: \_\_\_\_\_ U.S. Gallons Batch No.: \_\_\_\_\_



## SANITIZING USING A THERMAL FOGGER:

Fogging is to be used as an adjunct prior to acceptable manual cleaning and disinfecting of room surfaces. Close room off so fog is confined to room to be treated. Mix one (1) part SYNERGIZE to five (5) parts water. One (1) gallon of SYNERGIZE to four (5) gallons of water. Insert the nozzle of the fogger through a suitable opening into the room. With the setting on maximum output, fog for one (1) minute to reach 4,000 cubic feet of space in the room with the thermal fogger. Do not allow people to breathe or contact the fog or to enter the room until the fog has completely settled or exhausted. Normally this is 1-4 hours in this environment (less time if area is well ventilated).

\*NOTE: The fog generated by this method is very irritating to eyes, skin, and mucous membranes. Under no circumstances should a room or building be entered by anyone until the fog has completely settled, normally 1-4 hours after fogging. If the building or room must be entered, then the individuals entering the building or room must wear a self contained respirator approved by NIOSH/MSHA, goggles, long shirt sleeves and pants.







UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

**MEMORANDUM**

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

DATE: November 16, 2006

SUBJECT: Secondary Review of Contractor's (DynCorp Systems & Solutions LLC)  
Efficacy Review for Synergize;  
EPA Reg. No. 66171-7;  
DP Barcode: D332344

FROM: Lorilyn M. Montford *LMM 11/16/06*  
Efficacy Evaluation Team  
Antimicrobials Division (7510P)

THRU: Dr. Tajah Blackburn, Ph.D., Acting Team Leader *[Signature] 11/17/06*  
Efficacy Evaluation Team  
Antimicrobials Division (7510P)

TO: Velma Noble, PM 31/Drusilla Copeland  
Regulatory Management Branch I  
Antimicrobials Division (7510P)

APPLICANT: Preserve International  
Reno, NV

FORMULATION FROM LABEL:

<u>Active Ingredient(s)</u>	<u>% by wt.</u>
Alkyl (C <sub>12</sub> 67%, C <sub>14</sub> 25%, C <sub>16</sub> 7%, C <sub>18</sub> 1%)	
dimethyl benzyl ammonium chloride.....	26%
Glutaraldehyde.....	7%
INERT INGREDIENTS.....	67%
Total.....	100%



## **I BACKGROUND**

The product, Synergize (EPA Reg. No. 66171-7), is an EPA-approved disinfectant (bactericide, virucide, fungicide) for use on hard, non-porous surfaces in farming and animal care environments. The label claims that the product is effective in the presence of 1000 ppm hard water and a 5% organic soil load. The applicant requested to amend the registration of this product to add claims for effectiveness as a disinfectant against Porcine circovirus type 2. The study was conducted at MicroBioTest, Inc., located at 105 Carpenter Drive in Sterling, VA 20164.

This data package contained a letter from the applicant to the Agency (dated July 24, 2006), one study (MRID No. 469088-01), a Statement of No Data Confidentiality Claims for this study, and the proposed label.

## **II USE DIRECTIONS**

The product is designed for use in disinfecting hard, non-porous surfaces such as appliance exteriors, equipment (e.g., feeders, hauling equipment, loading equipment, waterers), floors, garbage cans, sinks, tables, telephone booths, and walls. The proposed label indicates that the product may be used on hard, non-porous surfaces including: fiberglass, glass, glazed ceramic, glazed tiles, metal (e.g., aluminum, brass, chrome, galvanized metal, stainless steel, tin), plastic (e.g., acrylic, polyethylene, polypropylene, polyvinyl chloride, vinyl), and treated wood. Directions on the proposed label provided the following information regarding preparation and use of the product as a disinfectant: Pre-clean surfaces. Prepare a use solution by adding 0.5 ounce of the product to 1 gallon of water (a 1:256 dilution). Apply the use solution with a cloth, sponge, mop, or mechanical coarse spray device until surfaces are thoroughly wet. Treated surfaces must remain wet for 10 minutes. Rinse with clean water. Allow to air dry. Food contact surfaces must be scrubbed with soap or detergent and rinsed with potable water prior to use.

## **III AGENCY STANDARDS FOR PROPOSED CLAIMS**

### **Virucides**

The effectiveness of virucides against specific viruses must be supported by efficacy data that simulates, to the extent possible in the laboratory, the conditions under which the product is intended to be used. Carrier methods that are modifications of either the AOAC Use-Dilution Method (for liquid disinfectants) or the AOAC Germicidal Spray Products as Disinfectants Method (for spray disinfectants) must be used. To simulate in-use conditions, the specific virus to be treated must be inoculated onto hard surfaces, allowed to dry, and then treated with the product according to the directions for use on the product label. One surface for each of 2 different product lots of disinfectant must be tested against a recoverable virus titer of at least  $10^4$  from the test surface for a specified exposure period at room temperature. Then, the virus must be assayed by an appropriate virological technique, using a minimum of four determinations per



each dilution assayed. Separate studies are required for each virus. The calculated viral titers must be reported with the test results. For the data to be considered acceptable, results must demonstrate complete inactivation of the virus at all dilutions. When cytotoxicity is evident, at least a 3-log reduction in titer must be demonstrated beyond the cytotoxic level. These Agency standards are presented in DIS/TSS-7.

#### Supplemental Claims

An antimicrobial agent identified as a "one-step" disinfectant or as effective in the presence of organic soil must be tested for efficacy with an appropriate organic soil load, such as 5 percent serum. These Agency standards are presented in DIS/TSS-2. On a product label, the hard water tolerance level may differ with the level of antimicrobial activity (e.g., sanitizer vs. disinfectant) claimed. To establish efficacy in hard water, all microorganisms (i.e., bacteria, fungi, viruses) claimed to be controlled must be tested by the appropriate Recommended Method at the same hard water tolerance level. These Agency standards are also presented in DIS/TSS-2.

### V COMMENTS ON THE SUBMITTED EFFICACY STUDY

**1. MRID 469088-01 "Virucidal Effectiveness Test, Post weaning multisystemic wasting syndrome (Porcine circovirus type 2)" for Synergize, by Lauren A. Blaszk. Study conducted at MicroBioTest, Inc. Study completion date – July 18, 2006. Laboratory Project Identification Number 366-107.**

This study was conducted against Porcine circovirus type 2 (obtained from American BioResearch Laboratories) using cultures of PT-1 cells (obtained from American BioResearch Laboratories) as the host system. Two lots (Lot Nos. 33458 and 33519) of the product, Synergize, were tested according to MicroBioTest Protocol "Virucidal Effectiveness Test, Post weaning multisystemic wasting syndrome (Porcine circovirus type 2)," dated May 9, 2006 (copy provided). A use solution was prepared by adding 1 mL of the product to 255 mL of 1000±2.9% ppm AOAC synthetic hard water (titration results not provided; a 1:256 dilution). The stock virus culture contained at least a 5% organic soil load. Films of virus were prepared by spreading 0.2 mL of virus inoculum uniformly over the bottoms of separate sterile glass Petri dishes. The virus films were dried at ambient temperatures. Each virus film was treated with 2.0 mL of the use solution for 10 minutes at 23°C. After the contact period, the virus-disinfectant mixture was neutralized with 2.0 mL of fetal bovine serum containing 0.3% glycine. The plates were scraped with a cell scraper to re-suspend the contents. Ten-fold serial dilutions were prepared, using RPMI 1640 containing 5% fetal bovine serum. PT-1 cells were inoculated in quadruplicate with an unspecified amount of each dilution. The cultures were incubated for 5-7 days at 36±2°C in 5±1% CO<sub>2</sub>. The plates were assayed by an immunofluorescence assay. Controls included those for plate recovery, cytotoxicity, cytotoxicity-related viral interference, cell viability/sterility, and neutralizer effectiveness. The 50% fluorescent focus forming unit dose per mL (FFFUD<sub>50</sub>/mL) was determined using the method of Reed and Muench.



## V RESULTS

MRID Number	Organism	Results			Plate Recovery Control (FFFUD <sub>50</sub> /mL)
			Lot No. 33458	Lot No. 33519	
469088-01	Porcine circovirus type 2	10 <sup>-2</sup> dilution	Cytotoxicity	Cytotoxicity	10 <sup>5.50</sup>
		10 <sup>-3</sup> to 10 <sup>-7</sup> dilutions	Complete inactivation	Complete inactivation	
		FFFUD <sub>50</sub> /mL	≤10 <sup>2.50</sup>	≤10 <sup>2.50</sup>	
		Log reduction	≥10 <sup>3.00</sup>	≥10 <sup>3.00</sup>	

## VI CONCLUSIONS

1. The submitted efficacy data (MRID No. 469088-01) support the use of the product, Synergize, as a disinfectant with virucidal activity against Porcine circovirus type 2 on hard, non-porous surfaces in the presence of 1000 ppm hard water and a 5% organic soil load for a contact time of 10 minutes at a 1:256 dilution. A recoverable virus titer of at least 10<sup>4</sup> was achieved. Cytotoxicity was observed in the 10<sup>-2</sup> dilutions. Complete inactivation was indicated in all higher dilutions tested. At least a 3-log reduction in titer was demonstrated beyond the cytotoxic level.

## VII RECOMMENDATIONS

1. The proposed label claims that the product, Synergize, is an effective disinfectant against Porcine circovirus type 2 on hard, non-porous surfaces in the presence of 1000 ppm hard water and a 5% organic soil load for a contact time of 10 minutes at a 1 ounce per gallon dilution. Data provided by the applicant support this claim.

2. Making the following changes would improve the proposed label:

- Under the "Description" section (left panel), change "fiberglass" to read "sealed fiberglass." Fiberglass is a porous surface.
- Under the "Use Directions" section regarding vehicles (left panel), change "course spray" to read "coarse spray."
- Under the list of microorganisms, change "Avian influenza" to read "Avian influenza virus (H3N2)."



PRIA

# DATA PACKAGE BEAN SHEET

Date: 07-Sep-2006

Page 1 of 1

Decision #: 369573

DP #: (332344)

## \*\*\* Registration Information \*\*\*

Registration: 66171-7 - SYNERGIZE

Company: 66171 - PRESERVE INTERNATIONAL

Risk Manager: RM 31 - Velma Noble - (703) 308-6233 Room# PY1 S-8219

Risk Manager Reviewer: Drusilla Copeland DCOPELAN

Sent Date: \_\_\_\_\_

Calculated Due Date: 16-Dec-2006

Edited Due Date: \_\_\_\_\_

Type of Registration: Product Registration - Section 3

Action Desc: (A57) AMENDMENT;NON-FAST TRACK;

Ingredients: 043901, Glutaraldehyde(7%)

069175, Alkyl\* dimethyl benzyl ammonium chloride \*(67%C12, 25%C14, 7%C16, 1%C18)(26%)

## \*\*\* Data Package Information \*\*\*

Expedite: ☐ Yes ☒ No

Date Sent: 07-Sep-2006

Due Back: \_\_\_\_\_

DP Ingredient: 043901, Glutaraldehyde

069175, Alkyl\* dimethyl benzyl ammonium chloride \*(67%C12, 25%C14, 7%C16, 1%C18)

DP Title: \_\_\_\_\_

CSF Included: ☐ Yes ☒ No

Label Included: ☒ Yes ☐ No

Parent DP #: \_\_\_\_\_

### Assigned To

Date In

Date Out

Organization: AD / PSB

9/11/06

Last Possible Science Due Date: 16-Nov-2006

Team Name: EET

9/11/06

Science Due Date: 10/2/06

Reviewer Name: Lori

10/26/06

Sub Data Package Due Date: 9/17/06

Contractor Name: DynCorp

9/12/06

## \*\*\* Studies Sent for Review \*\*\*

No Studies

## \*\*\* Additional Data Package for this Decision \*\*\*

No Additional Data Packages

## \*\*\* Data Package Instructions \*\*\*

Please review MRID #469088-01, Label

DynCorp: need back by ~~10/11/06~~ 10/20/06

I received this data package on 10/26/06  
L. Monney



# Explore Registrations

Reg Number: 66171-7 Reg. Type: Product Registration - Section 3 Status: Conditionally Registered (24-Apr-2)

Name: SYNERGIZE

<View Registration Details>

(No New Receipts)

S:	Submission Type	OPP Rec'd Date	Resubmission	Description
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...Decisions...

- ☒ D: Closed; 370240; 66171-7;W01;ULTRA SMALL
- ☒ D: Pending; 369573; 66171-7;A57;AMENDMENT
- ☒ D: Closed; 366959; 66171-7;302;LABEL REVISI
- ☒ D: Closed; 366213; 66171-7;W01;ULTRA SMALL
- ☒ D: Closed; 365344; 66171-7;A57;AMENDMENT;
- ☒ D: Closed; 352475; 66171-7;W01;ULTRA SMALL
- ☒ D: Closed; 350131; 66171-7;A57;AMENDMENT;
- ☒ D: Pending; 331113; 66171-7;332;NOTIFICATIO
- ☒ D: Closed; 329841; 66171-7;302;LABEL REVISI
- ☒ D: Closed; 208107; 66171-7;332;NOTIFICATION
- ☒ D: Pending; 208106; 66171-7;302;LABEL REVISI
- ☒ D: Closed; 208105; 66171-7;302;LABEL REVISI
- ☒ D: Pending; 208104; 66171-7;317;AMENDMENT
- ☒ D: Closed; 208103; 66171-7;362;FORMULA CHA
- ☒ D: Closed; 208102; 66171-7;362;FORMULA CHA
- ☒ D: Closed; 208101; 66171-7;307;DATA REQUIR.
- ☒ D: Closed; 208100; 66171-7;332;NOTIFICATION
- ☒ D: Closed; 208099; 66171-7;186;NEW REGISTR
- ☒ Data Requirements

Decision Sequence: 369573

Action: A57 AMENDMENT;NON-FAST TRACK;

Number: 66171-7

Original Decision:

Name: SYNERGIZE

Decision Status: PENDING (04-Aug-2006)

Organization Owner: AD / RMB1

Team Owner: RM 31

FFS Start Date: 18-Oct-2006

Received by Risk Manager:

Due Date: 15-Feb-2007

FFS Amt Expected: \$0

Negotiated Due Date:

FFS Amt Refunded:

FFS Amt Received: \$0

Comments:





United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
Amendment  
Other

OPP Identifier Number

## Application for Pesticide - Section I

1. Company/Product Number 66171-7	2. EPA Product Manager Noble	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) SYNERGIZE	PM# 32	
5. Name and Address of Applicant (Include ZIP Code) Preserve International PO Box 17003 Reno, NV 89511 <input checked="" type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

## Section - II

<input checked="" type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Addition of Porcine circovirus type 2 to the label.

## Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions E 1	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

## Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Gary Gaumer	Title President	Telephone No. (include Area Code) 775-853-9776
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		8. Date Application Received (Stamped)
2. Signature 	3. Title President	
4. Typed Name Gary E. Gaumer	5. Date July 24, 2006	





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

August 16, 2006

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

PRESERVE INTERNATIONAL  
PO Box 3135  
TURLOCK, CA 95381

Report of Analysis for Compliance with PR Notice 86-5

Thank you for your submittal of 28-JUL-06. Our staff has completed a preliminary analysis of the material. The results are provided as follows:

Your submittal was found to be in full compliance with the standards for submission of data contained in PR Notice 86-5. A copy of your bibliography is enclosed, annotated with Master Record ID's (MRIDs) assigned to each document submitted. Please use these numbers in all future references to these documents. Thank you for your cooperation. If you have any questions concerning this data submission, please raise them with the cognizant Product Manager, to whom the data have been released.



# Receipt for Section 3

S: 797114

Facilitation: ☐ Yes ☒ No

Regulatory Type: Product Registration - Section 3

Fee For Service: ☒ Yes ☐ No

Application Type: Amendment

Billable: ☒ Yes ☐ No

Company: 66171 PRESERVE INTERNATIONAL

V

Risk Manager: Antimicrobials Division, Risk Management Team 31

Product #: 66171-7

Product Name: SYNERGIZE

Overlaid:

Me Too

Me Too

Section3:

Product Name:

Application Date: 24-Jul-2006

OPP Rec'd Date: 28-Jul-2006

Front End Date: 28-Jul-2006

Risk Manager Send Date: 04-Aug-2006

FFS Due Date:

Negotiated Due Date:

OPP Target Date:

Fast Track:

New Ingredient:

Receipt Description:

ADDITION OF PORCINE CIRCOVIRUS TYPE 2 TO THE LABEL

New Ingredient

Request Date:

New Ingredient

Received Date:

Form A:

Signature Date:

Form B:

Signature Date:

Print Letter

Enter More Information

Tracking

Receipt Content

STUDY





469088-00

Office of Gary E. Gaumer P.O. Box 17003, Reno, NV 89511 • Bus: (775) 853-9776 • Fax: (775) 853-9212 • email: gegaumer@preserveinc.com

July 24, 2006

Ms. Velma Noble  
Office of Pesticides Programs (7504C)  
United States Environmental Protection Agency (AMEND)  
Ariel Rios Building  
1200 Pennsylvania Avenue, N.W.  
Washington, DC 20460

Dear Ms. Noble:

Preserve International is submitting amendment documents, for our product Synergize, EPA Registration Number 66171-7:

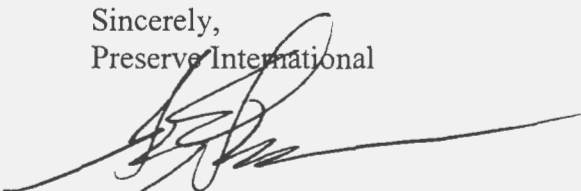
46908801

1 Amendment to add Porcine circovirus type 2 to the label.

If I may be of further assistance, please feel free to contact me at 775-853-9776.

Thank you for your time and consideration.

Sincerely,  
Preserve International



Gary E. Gaumer  
President





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

August 4, 2006

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

PLEASE RETURN A COPY OF THIS LETTER WITH PAYMENT

OPP Decision Number: D-369573  
EPA File Symbol or Registration Number: 66171-7  
Product Name: SYNERGIZE  
EPA Receipt Date: 28-Jul-2006  
EPA Company Number: 66171  
Company Name: PRESERVE INTERNATIONAL

GARY GAUMER  
PRESERVE INTERNATIONAL  
PO Box 3135  
TURLOCK, CA 95381

SUBJECT: Receipt of Amendment Subject to Registration Service Fee

Dear Registrant:

The Office of Pesticide Programs has received your application for Amendment. If you submitted data with this application, the results of the PRN-86-5 screen will be communicated separately. During the administrative screen, the Office of Pesticide Programs has determined that this Action is subject to a Pesticide Registration Service Fee as defined in the Pesticide Registration Improvement Act.

The Action has been identified as Action Code: A57

AMENDMENT;NON-FAST TRACK;

Please remit payment in the amount of: \$ 3,150 to:

By USPS:  
USEPA Washington Finance Center  
Pesticide Registration Service Fee  
PO Box 360277  
Pittsburgh, PA 15251



**By Courier:**

U.S. EPA Washington Finance Center  
Pesticide Registration Service Fee  
C/O Mellon Client Service Center  
500 Ross Street, Room 670  
Box 360277  
Pittsburgh, PA 15251-6277  
Attn: EPA Module Supervisor  
Telephone: (412) 236-2294

All payments must be in United States currency by check, bank draft, or money order drawn to the order of the Environmental Protection Agency. To ensure proper credit, please write the OPP DECISION NUMBER on your check, and enclose a copy of this letter with your payment.

You may be eligible for a full or partial waiver of the registration service fee if, for example, you qualify as a small business or are applying for a minor use, or if your application is solely associated with an IR-4 tolerance petition. Please be advised that if you intend to request a waiver, you must do so in writing within 15 days of receipt of this invoice instead of remitting the amount indicated above. OPP will not consider waiver requests after the registration service fee has been paid. Information regarding eligibility and how to request and document a fee waiver is available on the OPP Fee for Service web site at [www.epa.gov/pesticides/fees](http://www.epa.gov/pesticides/fees).

Please send Registration Service Fee Waiver requests to:

**By USPS:**

Document Processing Desk (WAIVER)  
Office of Pesticide Programs (7504P)  
U.S. Environmental Protection Agency  
1200 Pennsylvania Ave NW  
Washington, DC 20460

**By Courier:**

Document Processing Desk (WAIVER)  
Office of Pesticide Programs (7504P)  
U.S. Environmental Protection Agency  
Room S-4900, One Potomac Yard  
2777 S. Crystal Drive.  
Arlington, VA 22202

A PRIA decision time review period will not start until a fee waiver is granted and/or the Agency receives certification that the outstanding fee has been paid. If the Agency does not receive certification of payment for this action or a fee waiver request within the next 45 days, the Agency will presume that you no longer want to pursue this action. The Agency will then initiate a process that may result in administrative withdrawal of this action.

If you have any questions, please contact the Pesticide Registration Service Fee Ombudsman, at (703) 308-6432.

Sincerely,



Front End Processing Staff  
Information Technology & Resources Management Division



# Fee for Service

{797114#~

This package includes the following

New Registration

• Amendment

Granted 8/30/06

Studies?

Fee Waiver?

volpay % Reduction: \_\_\_\_

for Division

• AD

BPPD

RD

Risk Mgr.

31

Receipt No.

S-

797114

EPA File Symbol/Reg. No.

66171-7

Pin-Punch Date:

7/28/2006

☐ This item is NOT subject to FFS action.

## Action Code:

Requested:

Granted:

A57

Amount Due: \$ \_\_\_\_

## Parent/Child Decisions:

Reviewer: P. Jenkins

Date: 8-2-06

Remarks:



# Material to be added to an e-Jacket

Reg. No. 66171-7

## 1. Placement within the e-Jacket:

- ☒ Default: chronological top
  - ☐ Other: (PDF page number, i.e., "before page 45")
- 

## 2. Is this material:

- ☒ Newly stamped accepted label
- ☐ Notification
- ☐ New CSF
- ☐ Final Printed Label
- ☐ Other: \_\_\_\_\_

3. Attach this notice on top of the material. It must be clipped all together, **NOT STAPLED**. Then give the material with this coversheet to staff in the Information Services Center (Room 230).

Reviewer's Name: DARMSHEAD

Phone: 308-0107 Division: AD

Date: 7-26-06



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Washington, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

JUL 10 2006

Gary E. Gaumer  
President  
Preserve International  
P.O. Box 3135  
Turlock, CA 95381

Subject: Synergize  
EPA Registration No. 66171-7  
Amendment Dated: March 30, 2006  
EPA Received Date: March 11, 2006

Dear Gary E. Gaumer

The following amendment submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) as amended, is acceptable.

**Proposed Amendment**

Revised Label  
Adding Fogging Directions

**General Comments**

A stamped copy of the accepted label is enclosed for your records. Submit (3) copies of your final printed label before distributing or selling the product bearing the revised labeling.

Should you have any questions or comments concerning this letter, please contact Velma Noble at (703) 308-6233.

Sincerely,

*Velma Noble*  
Velma Noble

Product Manager (31)  
Regulatory Management Branch1  
Antimicrobial Division (7510c)

CONCURRENCES

ST	7510c						
SURNAME	DAVILA						
DATE	7-7-06						



## DESCRIPTION

SYNERGIZE is a multi-purpose disinfectant-cleaner. SYNERGIZE kills gram negative and gram positive microorganisms. It is effective for disinfecting and cleaning in one operation. SYNERGIZE can be used in water (as much as 1000 ppm  $\text{CaCO}_3$ ) and performs as a disinfectant serum.

SYNERGIZE is for use on glazed ceramic and chrome, galvanized metal, tin, brass, zinc, glass, polypropylene, PVC (polyvinyl chloride), nitrile, acrylic and polyurethane.

## DIRECTIONS FOR USE:

It is in violation of Federal Law to use this product for disinfecting and cleaning or litter.

SYNERGIZE cleaner-disinfectant is used in the following Animal and Poultry House facilities: Waterers, Feeders, Heaters, Farrowing Barns, Nurseries, and in Farm Premises, Equine Facilities, Calf Pens and

## USE DIRECTIONS

To disinfect and clean exteriors, telephones, and other noted facilities, use the product as directed. To make a disinfectant solution, use the product as directed. All other uses are prohibited.



# SYNERGIZE

## CLEANER-DISINFECTANT

SYNERGIZE provides a broad spectrum of disinfection against microorganisms. SYNERGIZE provides a broad spectrum of disinfection against microorganisms. SYNERGIZE is effective in warm, soft or hard non-porous surfaces, especially well in areas containing 5% fat.

tile surfaces, stainless steel, aluminum, hard non-porous treated wood, polyethylene, vinyl, fiberglass, viton, ethylene propylene, etc.

is product in a manner inconsistent with its labeling. Apply to hard non-porous surfaces. Not for use on feed, food or animal surfaces.

is specifically formulated for industrial use in the following facilities: Turkey, Breeder, Grow Out, Fryer, Layer, and Swine Producing Facilities as well as the following equipment in these facilities: Waterers, Feeders, Hauling Equipment, Loading Equipment, Dressing Plants, Loading Equipment, Chutes, Creep Areas, and Chutes. This product is also for use in facilities: Veal Barns, Ratite Facilities (Ostrich, Emu and Rhea associated Farm Vehicles).

Clean hard non-porous surfaces of walls, floors, tables, sinks, refrigerator, phone booths and garbage cans in non-animal areas associated with the sites. Apply a solution of 1/2 ounce SYNERGIZE per gallon water (dilute 1:256) to all surfaces. Apply with cloth, sponge, mop or mechanical coarse spray device. All surfaces are wetted thoroughly. Allow surfaces to remain wet for 10 minutes. Surfaces must be rinsed with clean water and allowed to dry before reuse.

**BOOT/SHOE WASH:** To prevent tracking harmful organisms into animal areas, shoe baths containing one inch of freshly made disinfecting solution should be placed at all entrances to building. Scrape waterproof shoes or boots and place in a 1/2 ounce SYNERGIZE per gallon water solution. Allow the solution to come in contact with the boot/shoe for 10 minutes. Change the disinfecting solution when solution becomes visibly dirty.

**VEHICLES:** To disinfect the non-porous, hard surfaces of vehicles use a solution of 1/2 ounce SYNERGIZE per gallon of water. Apply using a high pressure or coarse spray system. Leave all treated surfaces exposed to solution for 10 minutes, or more and allow to air dry. All treated surfaces that will contact feed or drinking water must be thoroughly scrubbed with soap or detergent then rinsed with potable water before reuse.

### DIRECTIONS FOR USE IN SWINE PRODUCING FACILITIES:

- 1) Remove all animals and feed from the premises, vehicles and enclosures.
- 2) Empty all troughs, racks, and other feeding and watering appliances.
- 3) Remove all gross soil, bedding, manure, caked on dirt, spider webs, etc. from walls to ceilings of barns, pens, stalls, chutes, and other facilities occupied or traversed by hogs or other animals.
- 4) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 5) Thoroughly saturate all surfaces with a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256), using conventional spraying methods.
- 6) Allow all treated areas to remain in contact with this solution for at least 10 minutes.
- 7) Immerse equipment used in handling and restraining animals, forks, shovels, and scrapers used for removing manure in SYNERGIZE at a dilution of 1:256. Allow to remain in contact for at least 10 minutes.
- 8) Ventilate buildings, and other closed spaces. Do not house swine or other livestock until treatment has been absorbed, set, or dried.
- 9) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

### DIRECTIONS FOR USE IN FARM PREMISES, EQUINE FACILITIES, VEAL BARN, RATITES FACILITIES, CALF PENS AND VEHICLES:

- 1) Do not use in milking stalls, milking parlors, or milking machines.
- 2) Remove all animals and feed from the premises, vehicles, and enclosures.
- 3) Remove all gross soil, bedding, manure, caked on dirt, spider webs, etc. from floors, surfaces, and from walls to ceiling of barns, pens, stalls, chutes, and other facilities occupied or traversed by hogs or other animals.
- 4) Empty all troughs, racks, and other feeding and watering appliances.
- 5) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 6) Thoroughly saturate all surfaces with a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256), using conventional spraying methods. Allow to remain in contact with this solution for at least 10 minutes.

Manufactured By:

**PRESERVE**  
INTERNATIONAL

Zephyr Cove, NV 89448 (209) 664-1607 • www.preserveinternational.com

**Synergize cleaner-disinfectant is specifically formulated for industrial use in the following Animal and Poultry Housing facilities: Turkey, Breeder, Grow Out, Fryer, Layer, Hatcheries and Swine Producing Facilities as well as the following equipment in these facilities: Waterers, Feeders, Hauling Equipment, Loading Equipment, Farrowing Barns, Nurseries, Blocks, Creep Areas, and Chutes. This product is also for use in Farm Premise, Equine Facilities, Veal Barns, Ratite Facilities (Ostrich, Emu and Rhea Facilities), Calf Pens and associated Farm Vehicles.**

Staphylococcus aureus A.T.C.C. 6538  
Salmonella choleraesuis A.T.C.C. 10708  
Porcine Respiratory & Reproductive Syndrome Virus (PRRS)

Pseudomonas aeruginosa A.T.C.C. 15442  
Aspergillus fumigatus A.T.C.C. 36807

### ACTIVE INGREDIENTS

Alkyl (C<sub>12</sub> 67%, C<sub>14</sub> 25%, C<sub>16</sub> 7%, C<sub>18</sub> 1%) dimethyl benzyl ammonium chloride 26.00%

Glutaraldehyde ..... 7.00%

INERT INGREDIENTS ..... 67.00%

TOTAL ..... 100.00%

## KEEP OUT OF REACH OF CHILDREN DANGER

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

See First Aid statement and additional precautions on side panel

### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed, by storage and disposal.

#### PESTICIDE STORAGE:

Store away from heat. Do not transfer to another container. Do not reuse empty container

#### CONTAINER DISPOSAL:

Plastic: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

#### PESTICIDE DISPOSAL:

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instruction, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

EPA Registration No.: 66171-7

EPA Establishment No.: 66171-TN-001

66171-CA-001

Patent Number: 5,891,922

#### NFPA HAZARD CLASSIFICATION

HEALTH	FIRE	REACTIVITY	ECOTOXICITY
3	1	1	

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 66171-7

- 7) Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels and scrapers used for removing manure in a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256) Allow to remain in contact for 10 minutes.
- 8) Ventilate buildings, cars, boats, coops and other closed spaces. Do not house poultry or livestock or employ equipment until treatment has been absorbed, set or dried.
- 9) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

### DIRECTIONS FOR USE IN POULTRY HOUSE:

- 1) Remove all poultry and feeds from premises, trucks, coops, and crates.
- 2) Remove all litter and droppings from floors, walls and surfaces of facilities occupied or traversed by poultry.
- 3) Empty all troughs, racks, and other feeding and watering appliances.
- 4) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 5) Saturate surfaces with 1/2 ounce SYNERGIZE per gallon water (dilute 1:256) for a period of 10 minutes.
- 6) Ventilate building, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set, or dried.
- 7) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

Prior to fogging setters or hatcheries, food products and packaging must be removed from the room or carefully protected. After cleaning, fog desired areas using one quart per 1000 cubic feet of room area with a product solution containing 0.25 to 1 ounce per gallon water. Vacate all areas of personnel and poultry and feeds for a minimum of 2 hours after fogging. All food contact surfaces, including feed troughs, automatic feeders, and fountains must be disinfected followed by treatment with soap and water or detergent and rinsed with potable water before reuse.

\*NOTE: The fog generated is very irritating to eyes, skin, and mucous membranes. Under no circumstances should a room or building be entered by anyone within two hours of the actual fogging. If the building or room must be entered, then the individuals entering the building must wear a self contained respirator approved by NIOSH/MSHA, goggles, long sleeves and long pants.

**FOGGING IS TO BE USED AS AN ADJUNCT TO ACCEPTABLE MANUAL CLEANING AND DISINFECTION OF ROOM AND MACHINE SURFACES.**

### PRECAUTIONARY STATEMENTS

Hazards to humans and domestic animals

### DANGER

**KEEP OUT OF REACH OF CHILDREN.** Corrosive. Causes irreversible eye damage and skin burns. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Do not breathe spray mist. Wear goggles or face shield. Wear a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C) or a NIOSH approved respirator with any N, P, R, or HE prefilter. Wear protective clothing and rubber gloves. Prolonged or frequent repeated skin contact may cause allergic reaction in some individuals. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

### STATEMENT OF PRACTICAL TREATMENT

#### FIRST AID

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes; remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye; call a poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing, rinse skin immediately with plenty of water for 15-20 minutes; call a poison control center or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible; call a poison control center or doctor for further treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice; have person sip a glass of water if able to swallow; do not induce vomiting unless told to do so by the poison control center or doctor; do not give anything by mouth to an unconscious person.

**HOT LINE NUMBER:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1 (800) 255-3924 for emergency medical treatment information. For information on this pesticide (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1 (800) 858-7378.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other water unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

Net Contents: \_\_\_\_\_ U.S. Gallons

Batch No. \_\_\_\_\_



## SANITIZING USING A THERMAL FOGGER:

Fogging is to be used as an adjunct prior to acceptable manual cleaning and disinfecting of room surfaces. Close room off so fog is confined to room to be treated. Mix one (1) part SYNERGIZE to five (5) parts water. One (1) gallon of SYNERGIZE to four (5) gallons of water. Insert the nozzle of the fogger through a suitable opening into the room. With the setting on maximum output, fog for one (1) minute to reach 4,000 cubic feet of space in the room with the thermal fogger. Do not allow people to breathe or contact the fog or to enter the room until the fog has completely settled or exhausted. Normally this is 1-4 hours in this environment (less time if area is well ventilated).

\*NOTE: The fog generated by this method is very irritating to eyes, skin, and mucous membranes. Under no circumstances should a room or building be entered by anyone until the fog has completely settled, normally 1-4 hours after fogging. If the building or room must be entered, then the individuals entering the building or room must wear a self contained respirator approved by NIOSH/MSHA, goggles, long shirt sleeves and pants.

843

90.77.40



## DESCRIPTION

SYNERGIZE is a multi-purpose disinfectant-cleanser. SYNERGIZE provides a broad spectrum kill of gram negative and gram positive microorganisms. SYNERGIZE provides effective disinfection and cleaning in one operation. SYNERGIZE is effective in warm, soft or hard water (as much as 1000 ppm CaCO<sub>3</sub>) and performs especially well in areas containing 5% sodium.

SYNERGIZE is for use on glazed ceramic and tile surfaces, stainless steel, aluminum, chrome, galvanized metal, tin, brass, zinc, glass, hard non-porous treated wood, polyethylene, polypropylene, PVC (polyvinyl chloride), vinyl, fiberglass, viton, ethylene propylene, nitrile, acrylic and polyurethane.

## DIRECTIONS FOR USE:

It is in violation of Federal Law to use this product in a manner inconsistent with its labeling. Registered for disinfecting and cleaning hard non-porous surfaces. Not for use on feed, food or litter.

SYNERGIZE cleaner-disinfectant is specifically formulated for industrial use in the following Animal and Poultry Housing facilities: Turkey, Breeder, Grow Out, Fryer, Layer, Hatcheries and Swine Producing Facilities as well as the following equipment in these facilities: Waterers, Feeders, Hauling Equipment, Dressing Plants, Loading Equipment, Farrowing Barns, Nurseries, Blocks, Creep Areas, and Chutes. This product is also for use in Farm Premise, Equine Facilities, Veal Barns, Ratite Facilities (Ostrich, Emu and Rhea Facilities), Calf Pens and associated Farm Vehicles.

## USE DIRECTIONS:

To disinfect and clean hard non-porous surfaces of wells, floors, tables, sinks, refrigerator exteriors, telephone booths and garbage cans in non-animal areas associated with the sites noted above. Apply a solution of 1/2 ounce SYNERGIZE per gallon water (dilute 1:256) to pre-cleaned surfaces. Apply with cloth, sponge, mop or mechanical coarse spray device, making sure all surfaces are wetted thoroughly. Allow surfaces to remain wet for 10 minutes. All surfaces must be rinsed with clean water and allowed to dry before reuse.

**BOOT/SOUE WASH:** To prevent tracking harmful organisms into animal areas, shoe baths containing one inch of freshly made disinfecting solution should be placed at all entrances to building. Scrub waterproof shoes or boots and place in a 1/2 ounce SYNERGIZE per gallon water solution. Allow the solution to come in contact with the boot/shoe for 10 minutes. Change the disinfecting solution when solution becomes visibly dirty.

**VEHICLES:** To disinfect the non-porous, hard surfaces of vehicles use a solution of 1/2 ounce SYNERGIZE per gallon of water. Apply using a high pressure or coarse spray system. Leave all treated surfaces exposed to solution for 10 minutes, or more and allow to air dry. All treated surfaces that will contact feed or drinking water must be thoroughly scrubbed with soap or detergent then rinsed with potable water before reuse.

## DIRECTIONS FOR USE IN SWINE PRODUCING FACILITIES:

- 1) Remove all animals and feed from the premises, vehicles and enclosures.
- 2) Empty all troughs, racks, and other feeding and watering appliances.
- 3) Remove all gross soil, bedding, manure, caked on dirt, spider webs, etc. from walls to ceilings of barns, pens, stalls, chutes, and other facilities occupied or traversed by hogs or other animals.
- 4) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 5) Thoroughly saturate all surfaces with a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256), using conventional spraying methods.
- 6) Allow all treated areas to remain in contact with this solution for at least 10 minutes.

7) Immerse equipment used in handling and restraining animals, forks, shovels, and scrapers used for removing manure in SYNERGIZE at a dilution of 1:256. Allow to remain in contact for at least 10 minutes.

8) Ventilate buildings, and other closed spaces. Do not house swine or other livestock until treatment has been absorbed, set, or dried.

9) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

## DIRECTIONS FOR USE IN FARM PREMISES, EQUINE FACILITIES, VEAL BARN, RATITES FACILITIES, CALF PENS AND VEHICLES:

- 1) Do not use in milking stalls, milking parlors, or milk houses.
- 2) Remove all animals and feed from the premises, vehicles, and enclosures.
- 3) Remove all gross soil, bedding, manure, caked on dirt, spider webs, etc. from floors, surfaces, and from walls to ceiling of barns, pens, stalls, chutes, and other facilities occupied or traversed by hogs or other animals.
- 4) Empty all troughs, racks, and other feeding and watering appliances.
- 5) Thoroughly clean all surfaces with soap or detergent and rinse with water.
- 6) Thoroughly saturate all surfaces with a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256), using conventional spraying methods. Allow to remain in contact with this solution for at least 10 minutes.

Manufactured By:

**PRESERVE**  
INTERNATIONAL

Zephyr Cove, NV 89448 (209) 664-1607 • www.preserveinternational.com

# SYNERGIZE CLEANER-DISINFECTANT

Synergize cleaner-disinfectant is specifically formulated for industrial use in the following Animal and Poultry Housing facilities: Turkey, Breeder, Grow Out, Fryer, Layer, Hatcheries and Swine Producing Facilities as well as the following equipment in these facilities: Waterers, Feeders, Hauling Equipment, Loading Equipment, Farrowing Barns, Nurseries, Blocks, Creep Areas, and Chutes. This product is also for use in Farm Premise, Equine Facilities, Veal Barns, Ratite Facilities (Ostrich, Emu and Rhea Facilities), Calf Pens and associated Farm Vehicles.

Staphylococcus aureus A.T.C.C. 6538

Pseudomonas aeruginosa A.T.C.C. 15442

Salmonella choleraesuis A.T.C.C. 10708

Aspergillus fumigatus A.T.C.C. 36607

Porcine Respiratory & Reproductive Syndrome Virus (PRRS)

## ACTIVE INGREDIENTS

Alkyl (C<sub>12</sub> 67%, C<sub>10</sub> 25%, C<sub>8</sub> 7%, C<sub>6</sub> 1%) dimethyl benzyl ammonium chloride ... 26.00%

Glutaraldehyde ... 7.00%

INERT INGREDIENTS ... 67.00%

TOTAL ... 100.00%

## KEEP OUT OF REACH OF CHILDREN DANGER

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

See First Aid statement and additional precautions on side panel

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed, by storage and disposal.

## PESTICIDE STORAGE:

Store away from heat. Do not transfer to another container. Do not reuse empty container

## CONTAINER DISPOSAL:

Plastic: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke

## PESTICIDE DISPOSAL:

Pesticide wastes are acutely hazardous. Improper disposal of acute pesticide spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instruction, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

EPA Registration No.: 66171-7

EPA Establishment No.: 66171-7

Patent Number: 5,951,922

NFPA HAZARD CLASSIFICATION

HEALTH	FIRE	REACTIVITY
3	1	1

ACCEPTED  
MAR 66 71-CA-10  
pesticide registered under  
EPA Reg. No. 66171-7

7) Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels and scrapers used for removing manure in a solution of 1/2 oz. SYNERGIZE per gallon of water (1:256). Allow to remain in contact for 10 minutes.

8) Ventilate buildings, cars, boats, coops and other closed spaces. Do not house poultry or livestock or employ equipment until treatment has been absorbed, set or dried.

9) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

## DIRECTIONS FOR USE IN POULTRY HOUSE:

- 1) Remove all poultry and feeds from premises, trucks, coops, and crates.
- 2) Remove all litter and droppings from floors, walls and surfaces of facilities occupied or traversed by poultry.

3) Empty all troughs, racks, and other feeding and watering appliances.

4) Thoroughly clean all surfaces with soap or detergent and rinse with water.

5) Saturate surfaces with 1/2 ounce SYNERGIZE per gallon water (dilute 1:256) for a period of 10 minutes.

6) Ventilate building, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set, or dried.

7) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, waterers and equipment which may come in contact with food with soap or detergent, and rinse with potable water before reuse.

Prior to fogging stables or hatcheries, food products and packaging must be removed from the room or carefully protected. After cleaning, fog desired areas using one quart per 1000 cubic feet of room area with a product solution containing 0.25 to 1 ounce per gallon water. Vacate all areas of personnel and poultry and feeds for a minimum of 2 hours after fogging. All food contact surfaces, including feed troughs, automatic feeders, and fountains must be disinfected followed by treatment with soap and water or detergent and rinsed with potable water before reuse.

**NOTE:** The fog generated is very irritating to eyes, skin, and mucous membranes. Under no circumstances should a room or building be entered by anyone within two hours of the actual fogging. If the building or room must be entered, then the individuals entering the building must wear a self contained respirator approved by NIOSH/MSHA, goggles, long sleeves and long pants.

**FOGGING IS TO BE USED AS AN ADJUNCT TO ACCEPTABLE MANUAL CLEANING AND DISINFECTION OF ROOM AND MACHINE SURFACES.**

## PRECAUTIONARY STATEMENTS

Hazards to humans and domestic animals

## DANGER

**KEEP OUT OF REACH OF CHILDREN.** Corrosive. Causes irreversible eye damage and skin burns. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Do not breathe spray mist. Wear goggles or face shield. Wear a dust/mist/fogging respirator (MSHA/NIOSH approval number prefix TC-21C) or a NIOSH approved respirator with any N, P, R, or HE prefilter. Wear protective clothing and rubber gloves. Prolonged or frequent repeated skin contact may cause allergic reaction in some individuals. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

## STATEMENT OF PRACTICAL TREATMENT

**FIRST AID**  
**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes; remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye; call a poison control center or doctor for treatment advice.  
**IF ON SKIN OR CLOTHING:** Take off contaminated clothing; rinse skin immediately with plenty of water for 15-20 minutes, call a poison control center or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible; call a poison control center or doctor for further treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice; have person sip a glass of water if able to swallow, do not induce vomiting unless told to do so by a poison control center or doctor; do not give anything by mouth to an unconscious person.

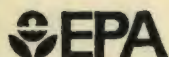
**NOTE:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1 (800) 255-3924 for emergency medical treatment information. For information on this pesticide (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1 (800) 658-7378.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other water unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

Net Contents: \_\_\_\_\_ U.S. Gallons Batch No.: \_\_\_\_\_





United States  
Environmental Protection Agency  
Washington, DC 20460

☐ Registration  
☒ Amendment  
☐ Other

OPP Identifier Number

## Application for Pesticide - Section I

1. Company/Product Number 66171-7	2. EPA Product Manager NOBLE	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) SYNERGIZE	PM# 31	
5. Name and Address of Applicant (Include ZIP Code) Preserve International PO Box 3135 Turlock, CA 95381 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

## Section - II

<input checked="" type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

The addition of Thermofogging directions.

## Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	
				<input type="checkbox"/> Plastic	
				<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted					
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

## Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)		
Name Gary E. Gaumer	Title President	Telephone No. (Include Area Code) 530-879-9220 975-853-9776
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title President	
4. Typed Name Gary E. Gaumer	5. Date March 30, 2006	



FQPA

7-10-06

**TASK ASSIGNMENT FORM**  
**Antimicrobial Division/Regulatory Management Branch II**

A								Completed by Product Manager							
PRODUCT REVIEWER: <u>Demetrius</u>												RMB <u>II</u> TEAM <u>      </u>			
Description of Action: <u>Label review</u>												EPA File Symbol/Reg No. <u>66171-7</u>			
Decision No. <u>366959</u>				Submission No. <u>793093</u>				Fee for Service Action Code: <u>      </u>							
FQPA Action Code: <u>302</u>				Non-FQPA Action Code: <u>      </u>				Fee for Service Fee: \$ <u>      </u>							
				MONTH		DAY		YEAR							
APPLICATION DATE				<u>3</u>		<u>30</u>		<u>2005</u>							
EPA PIN DATE				<u>4</u>		<u>11</u>		<u>2005</u>							
REVIEWER ASSIGNED DATE								<u>2005</u>							
DATE DUE FROM SCIENCE								<u>2005</u>							
DATE DUE TO PM								<u>2005</u>							
Type of Data:	PSB Product Chemistry <input type="checkbox"/>	PSB Acute Toxicology <input type="checkbox"/>	PSB Efficacy <input type="checkbox"/>	RASSB Environmental Fate <input type="checkbox"/>	RASSB Ecological Effects <input type="checkbox"/>	RASSB Chronic Toxicology <input type="checkbox"/>	RASSB Exposure <input type="checkbox"/>								

COMMENTS: NOTE TO ARCTIC SLOPE - PLEASE COMPLETE PART B OF FORM.

Label review - Give to Demetrius

ATTACHMENTS: <input checked="" type="checkbox"/> LABELING				<input checked="" type="checkbox"/> CSF(S)				<input checked="" type="checkbox"/> DATA				<input checked="" type="checkbox"/> OTHER																			
B																For Arctic Slope Contract Only															
Contractor: <u>Arctic Slope</u>																Contract No.: <u>0332</u>								ARCTIC SLOPE MANAGER <u>      </u>							
Draft Task Signature <u>      </u> (Est. hrs) <u>      </u>																Final Task Signature <u>      </u> (Total hrs) <u>      </u>															



S: 793093

Resubmission: ☐ Yes ☒ No

Regulatory Type: Product Registration - Section 9

Fee For Service: ☒ Yes ☐ No

Application Type: Amendment

Billable: ☐ Yes ☒ No

Company: 66171 PRESERVE INTERNATIONAL



Risk Manager: Antimicrobials Division, Risk Management Team 31

Product #: 66171-7 Product Name: SYNERGIZE

Override#

Me Too Section3: Me Too Product Name:

Application Date: 30-Mar-2006

OPP Rec'd Date: 11-Apr-2006

Front End Date: 13-Apr-2006

Risk Manager Send Date: 17-Apr-2006

FFS Due Date:

Negotiated Due Date:

OPP Target Date:

Fast Track: ☐

New Ingredient: ☐

Receipt Description:

THE ADDITION OF THERMOFOGGING DIRECTIONS

New Ingredient Request Date:

New Ingredient Received Date:

New Ingredient Received Date:

New Ingredient Received Date:

Form A: Signature Date:

Form B: Signature Date:

Print Letter

Enter More Information

Tracking

Receipt Content



10:10 AM





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

April 17, 2006

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

GARY GAUMER  
PRESERVE INTERNATIONAL  
PO Box 3135  
TURLOCK, CA 95381

PRODUCT NAME: SYNERGIZE  
COMPANY NAME: PRESERVE INTERNATIONAL  
EPA FILE SYMBOL: 66171-7  
EPA RECEIPT DATE: 04/11/06

SUBJECT: RECEIPT OF AMENDMENT

DEAR REGISTRANT:

The Office of Pesticide Programs has received your application for an amendment and it has passed an administrative screen for completeness.

During the initial screen we determined that the application appears to qualify for fast track review. The package will now be forwarded to the Product Manager for review to determine its acceptability for fast track status.

If you have any questions, please contact Antimicrobials Division, Risk Management Team 31, at (703) 308-6233.

Sincerely,

A handwritten signature in blue ink that reads "J. Wrice".

Front End Processing Staff  
Information Services Branch  
Information Technology & Resources Management Division



Receipt for OP-100

S: 793093

Regulatory Type: Product Registration - Section 3

Application Type: Amendment

Company: 66171 PRESERVE INTERNATIONAL

Risk Manager: Antimicrobials Division, Risk Management Team 31

Product #: 66171-7 Product Name: SYNERGIZE

Me Too Section 3: Me Too Product Name:

Application Date: 30-Mar-2006 OPP Rec'd Date: 11-Apr-2006

Front End Date: 13-Apr-2006 Risk Manager Send Date:

FFS Due Date: Negotiated Due Date:

OPP Target Date:

Fast Track: New Ingredient:

Receipt Description: THE ADDITION OF THERMOFOGGING DIRECTIONS

New Ingredient Request Date:

New Ingredient Received Date:

Form A: Signature Date: Form B: Signature Date:

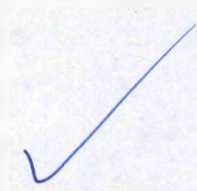
Print Letter

Enter More Information

Tracking

Next Contact

1:45 PM





# Fee for Service



This package includes the following

☐ New Registration

☒ Amendment

☐ Studies? ☐ Fee Waiver?

☐ volpay % Reduction: \_\_\_\_

for Division

☒ AD

☐ BPPD

☐ RD

Risk Mgr.

31

Receipt No.

S-

793093

EPA File Symbol/Reg. No.

66171-7

Pin-Punch Date:

4/11/06

☒ This item is NOT subject to FFS action.

## Action Code:

Requested:

Granted:

Amount Due: \$ \_\_\_\_

## Parent/Child Decisions:

Human Studies:

Cite-All

Selective Support

Tox (excluding Six-Pack) \_\_\_\_

Other Human Research (efficacy, exposure, etc.) \_\_\_\_

Reviewer: Z. Jones / D. Williams

Date: 4/14/06

Remarks: